

Maps of Proposed CPAs

The following maps show the proposed location of the 19 individual CPAs, and the location of the 22 CFAs within them under the Service-preferred alternative C.

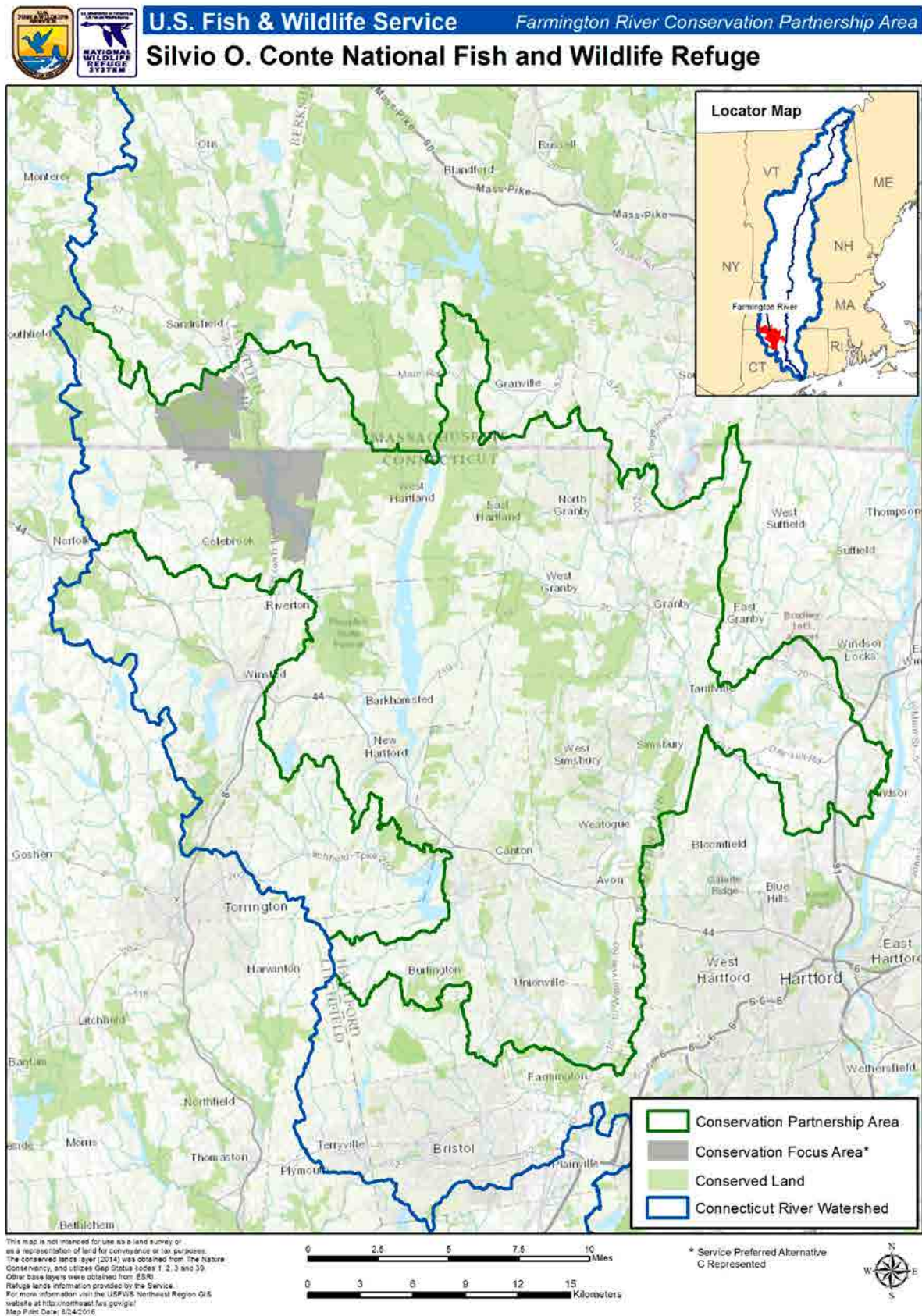
CPAs are areas where we propose to focus our support to our partners to best achieve shared conservation, education, and recreational goals. CFAs are areas where the Service would focus land acquisition efforts from willing sellers for Conte Refuge (fee title and easement) to make important contributions to the priority conservation targets.

The CPA maps below are organized alphabetically by State. Under alternative C, ninety percent (90%), on average, of our approved acreage authority would be acquiring land from willing sellers within CFAs, with the remaining ten percent (10%) from willing sellers within the surrounding CPAs. Since that 10% is not depicted as discrete areas, we will coordinate with local municipalities, States, and abutting landowners prior to taking action.

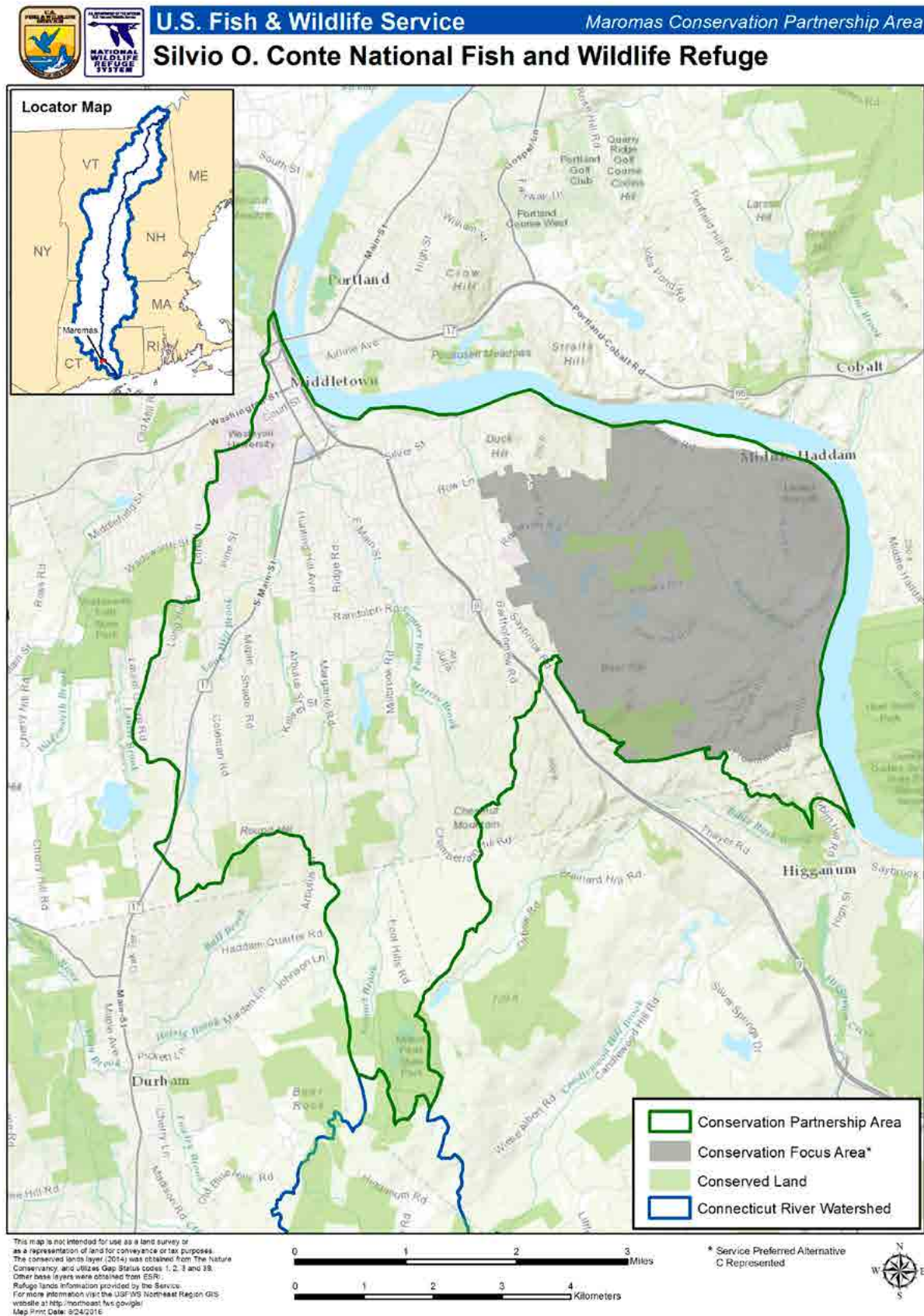
Each CPA map shows:

- The proposed CPA boundary.
- The delineation of the proposed CFA(s) under the Service-preferred alternative C (shown in gray).
- Conserved lands as defined by The Nature Conservancy's 2014 secured lands data using GAP status 1, 2, 3 and 39 definitions (<https://www.conservationgateway.org/ConservationByGeography/NorthAmerica/UnitedStates/edc/reportsdata/terrestrial/secured/Pages/default.aspx>). The Service does not intend to pursue acquisition of existing conserved lands (shown in green).

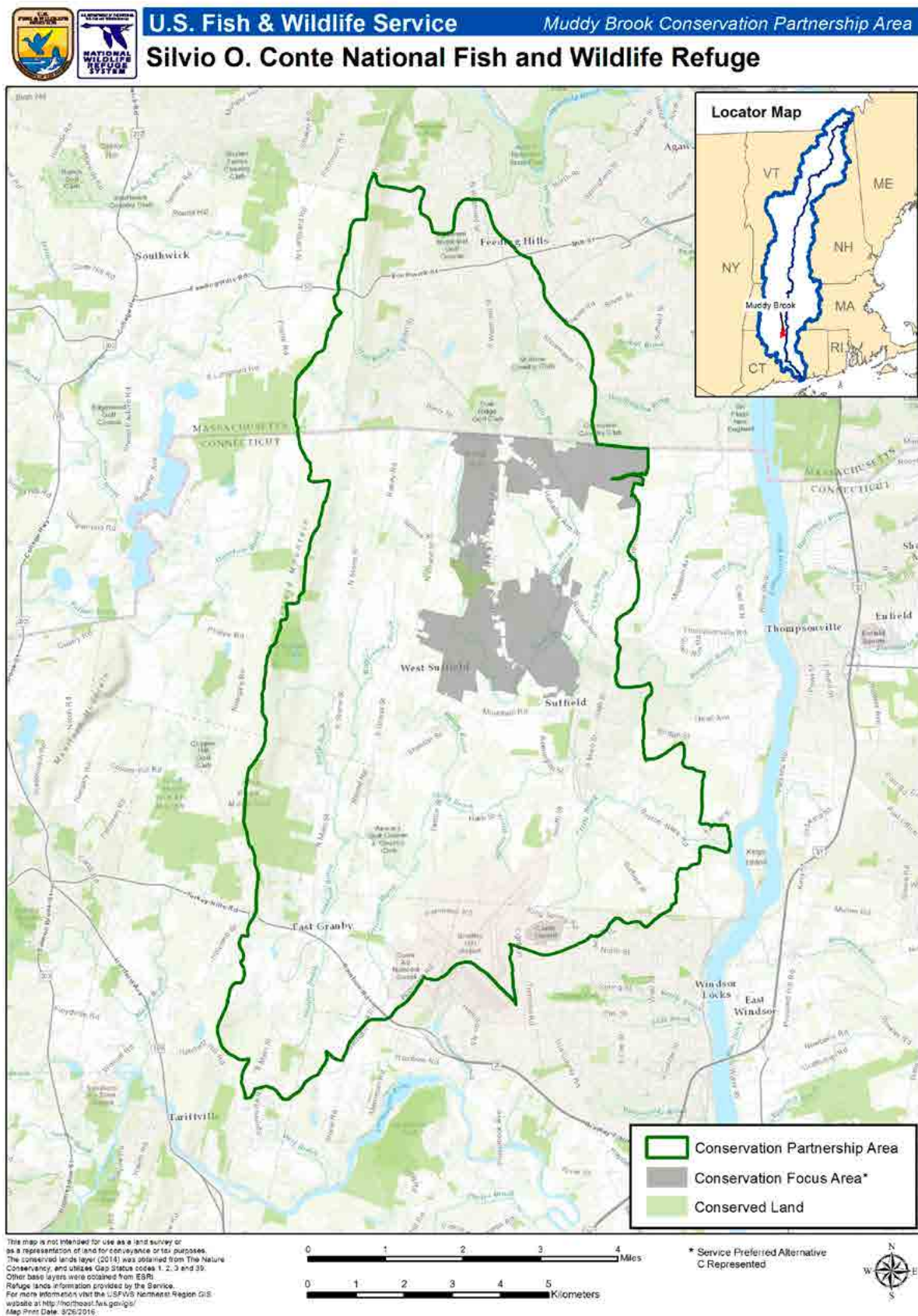
Map 4.3. Proposed Farmington River CPA, Connecticut and Massachusetts



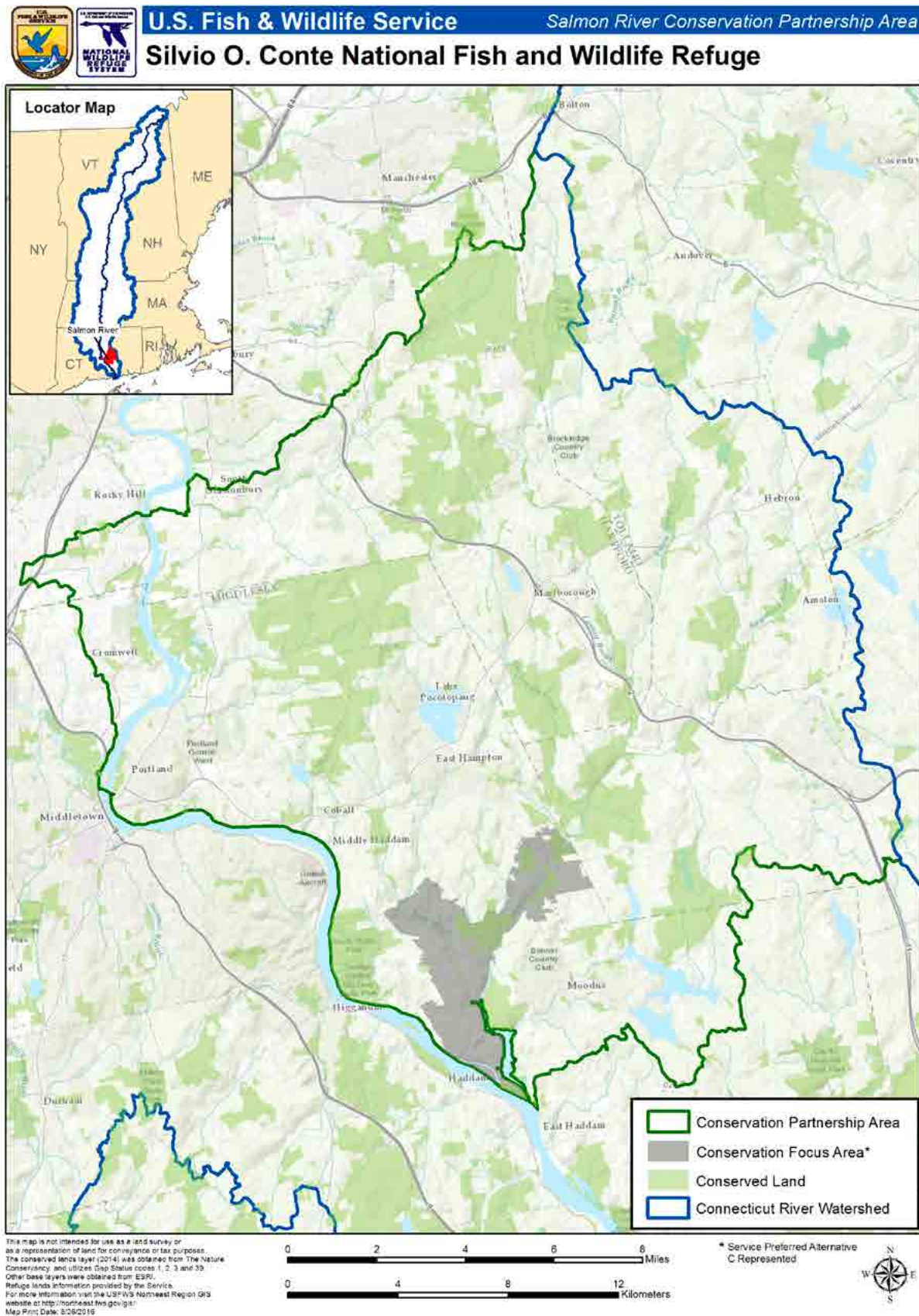
Map 4.4. Proposed Maromas CPA, Connecticut



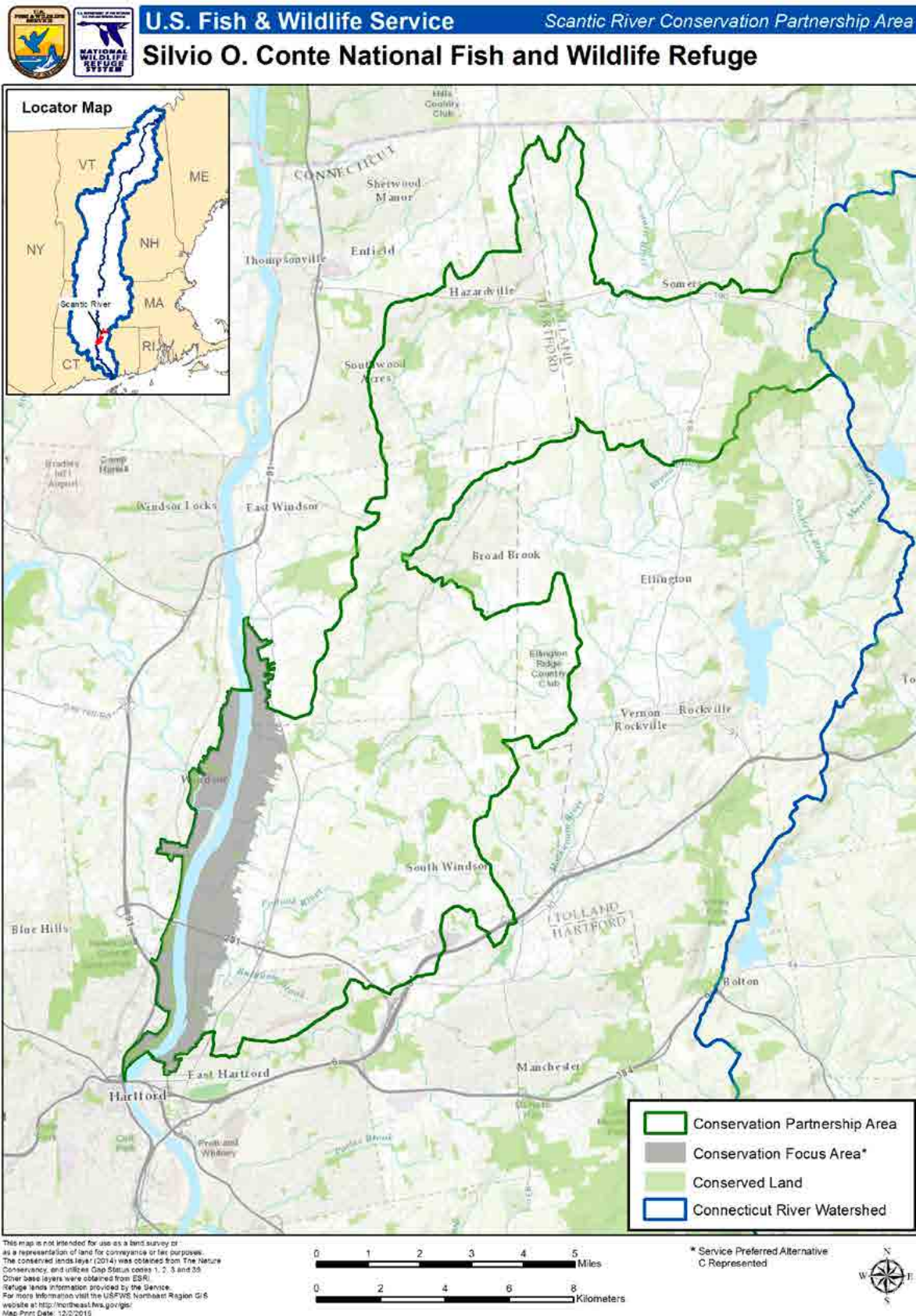
Map 4.5. Proposed Muddy Brook CPA, Connecticut



Map 4.6. Proposed Salmon River CPA, Connecticut



Map 4.7. Proposed Scantic River CPA, Connecticut



U.S. Fish & Wildlife Service *Whalebone Cove Conservation Partnership Area*
Silvio O. Conte National Fish and Wildlife Refuge

Locator Map

VT ME
 NY NH
 MA
 RI
 CT

Whalebone Cove

Haddam
 East Haddam
 Chester
 Deep River
 Centerbrook
 Ivoryton
 Essex
 Old Lyme
 Old Saybrook
 South Cove
 Salem
 East Lyme

MIDDLESEX
 NEW LONDON

Conservation Partnership Area
 Conservation Focus Area*
 Conserved Land
 Connecticut River Watershed

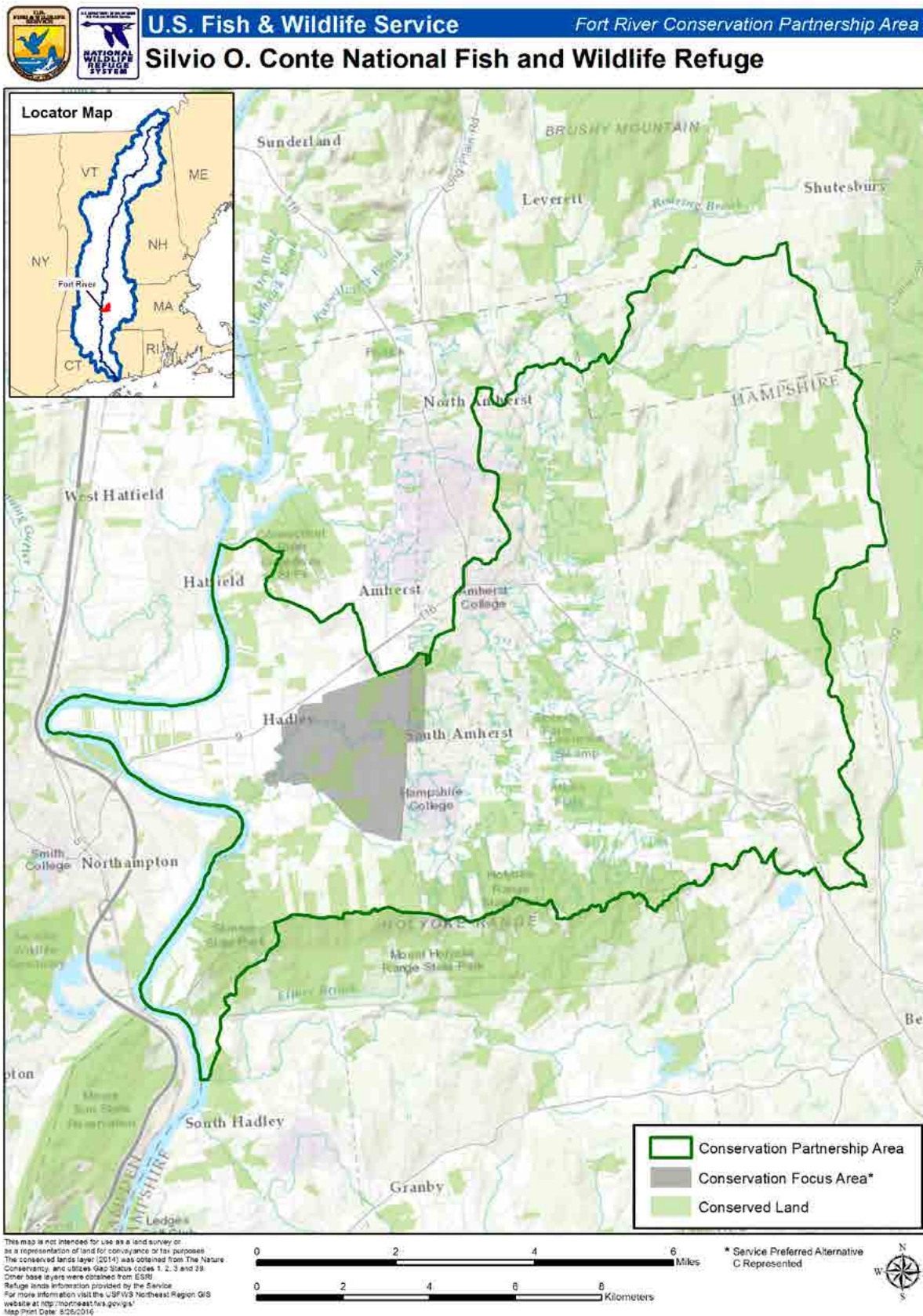
This map is not intended for use as a land survey or as a representation of land for conveyance or tax purposes. The conserved lands layer (2014) was obtained from The Nature Conservancy and utilizes Gap Status codes 1, 2, 3 and 3.9. Other base layers were obtained from ESRI. Refuge lands information provided by the Service. For more information visit the USFWS Northeast Region GIS website at <http://northeast.fws.gov/gis/>. Map Print Date: 8/25/2015

0 1 2 3 4 5 Miles
 0 2 4 6 8 Kilometers

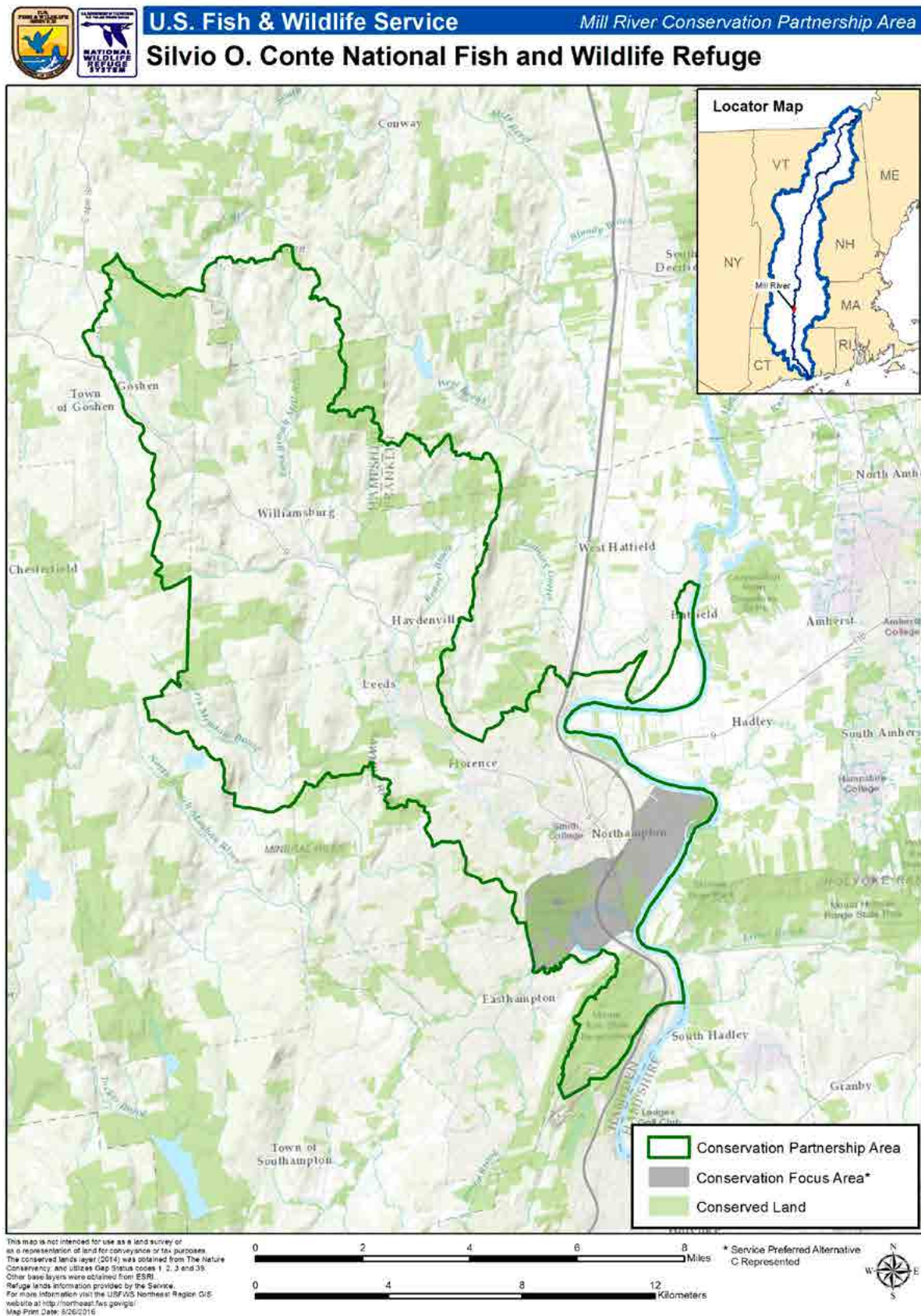
* Service Preferred Alternative
 C Represented

N
 S
 W
 E

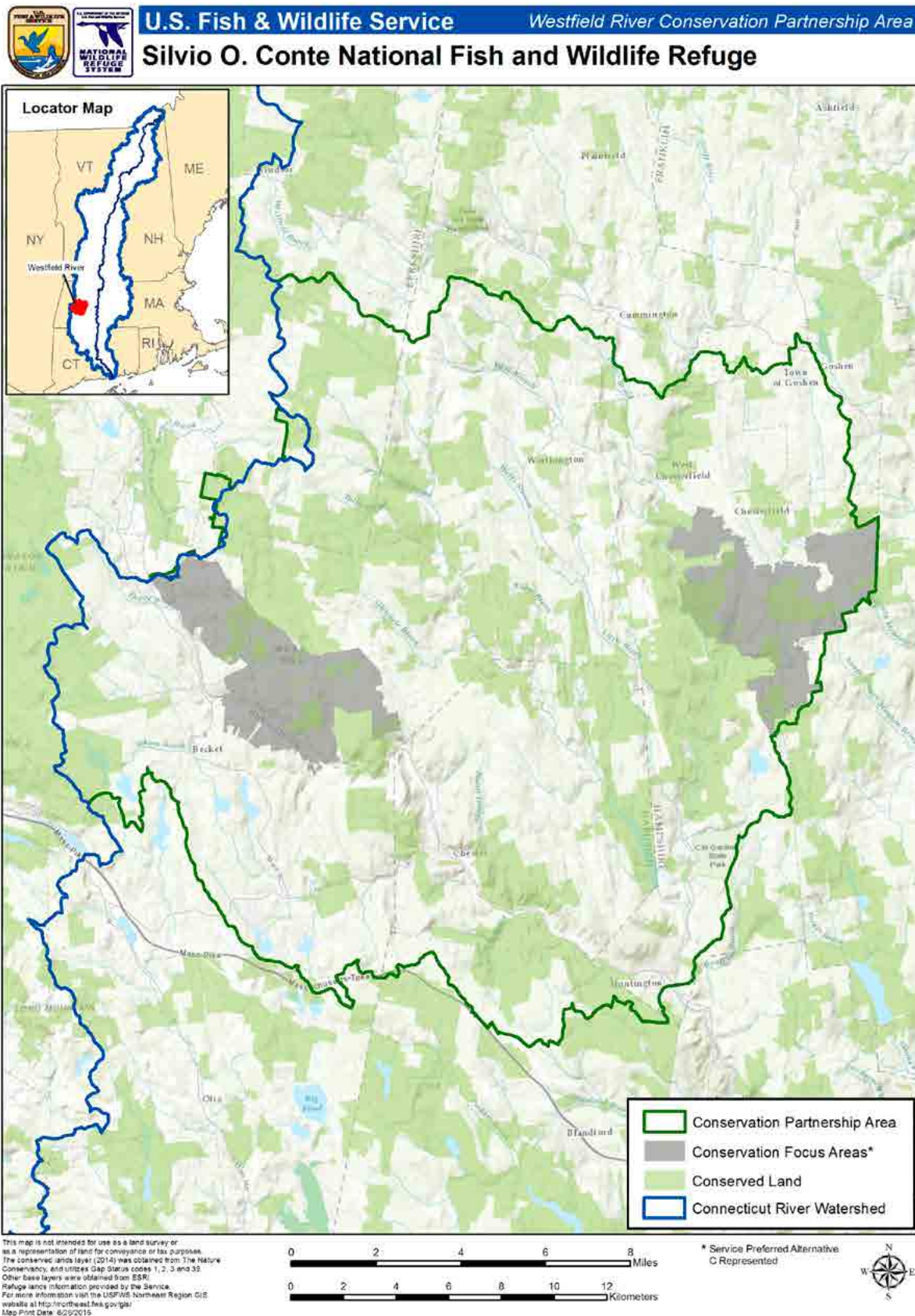
Map 4.9. Proposed Fort River CPA, Massachusetts



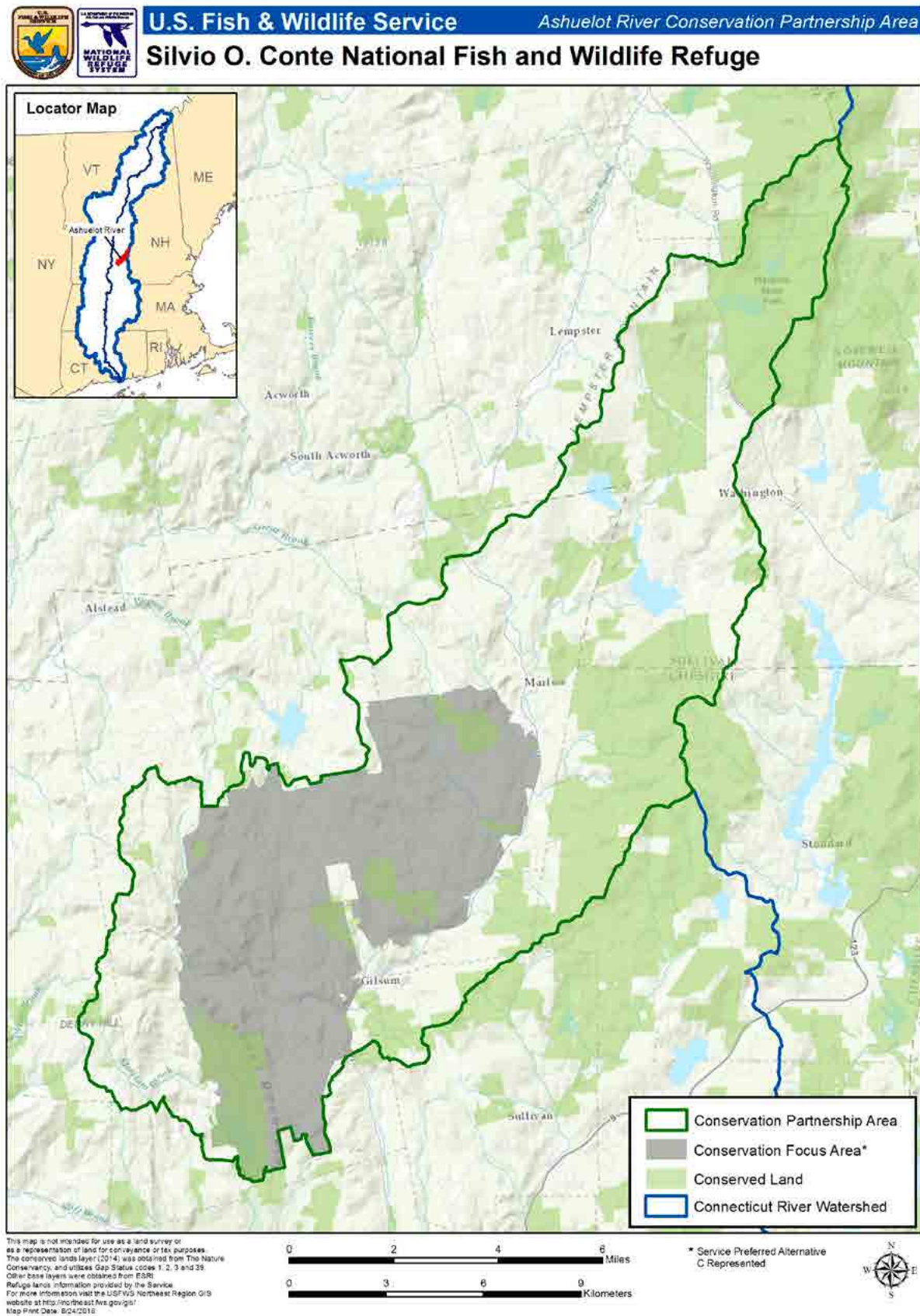
Map 4.10. Proposed Mill River CPA, Massachusetts



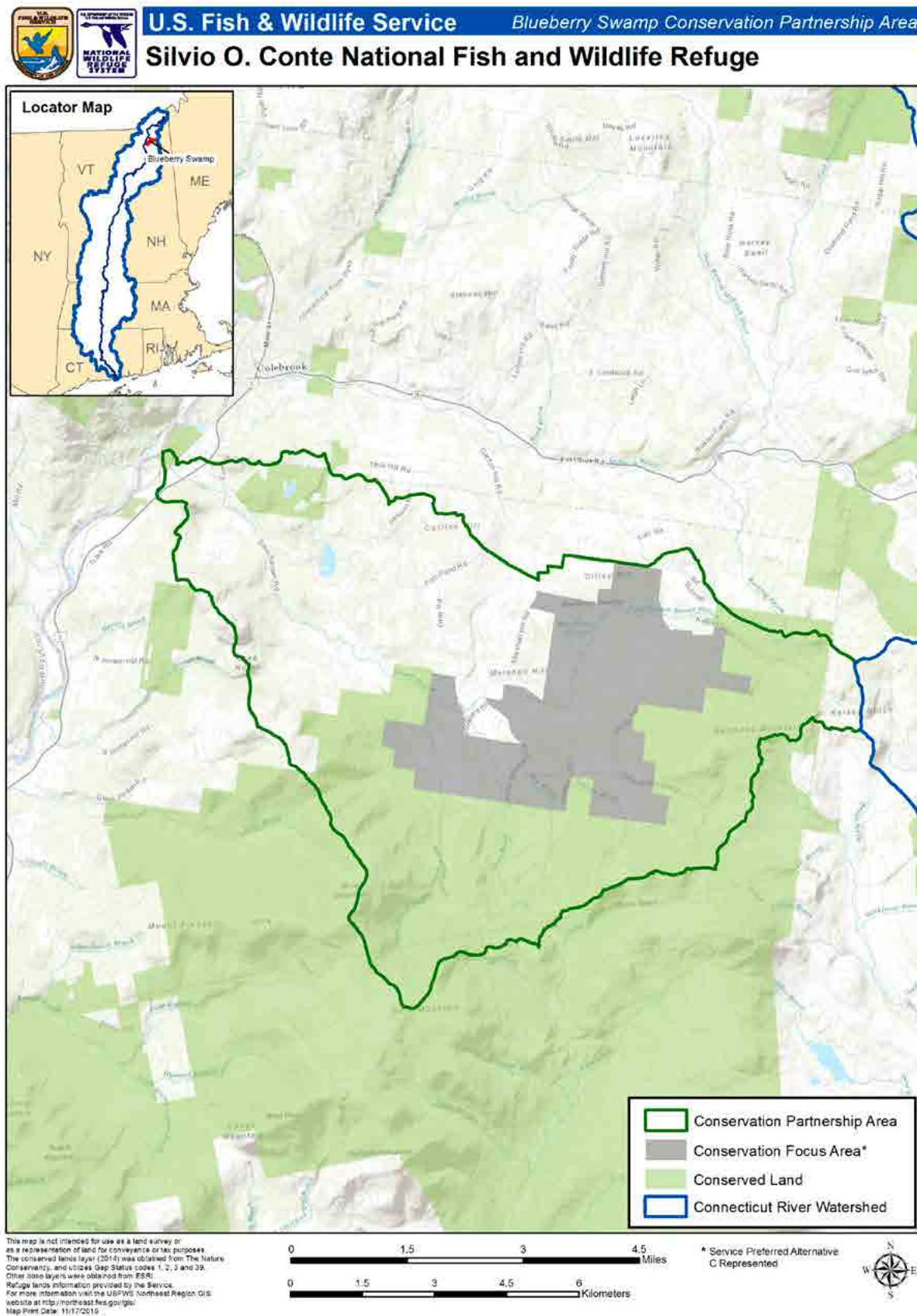
Map 4.11. Proposed Westfield River CPA, Massachusetts



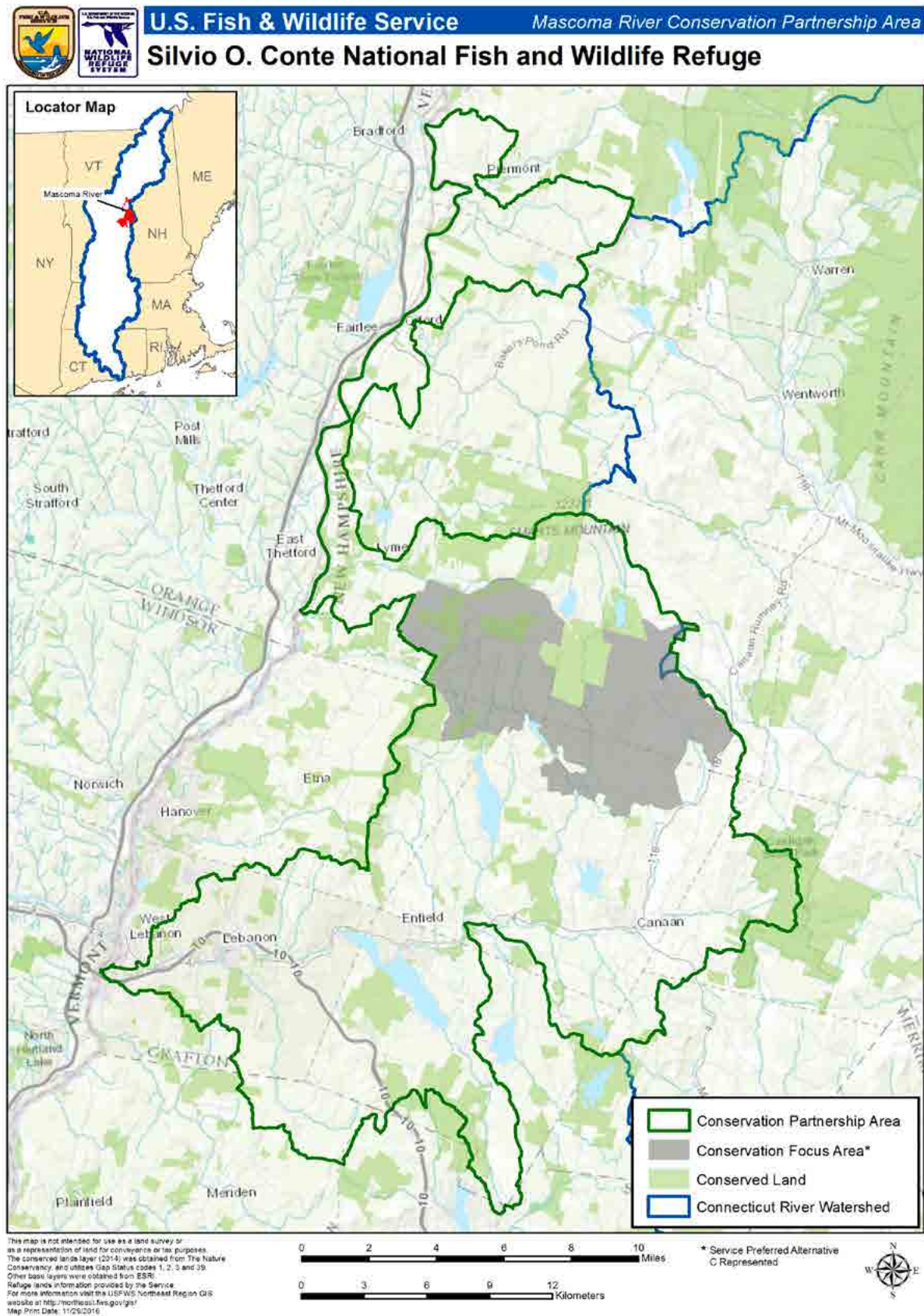
Map 4.12. Proposed Ashuelot River CPA, New Hampshire



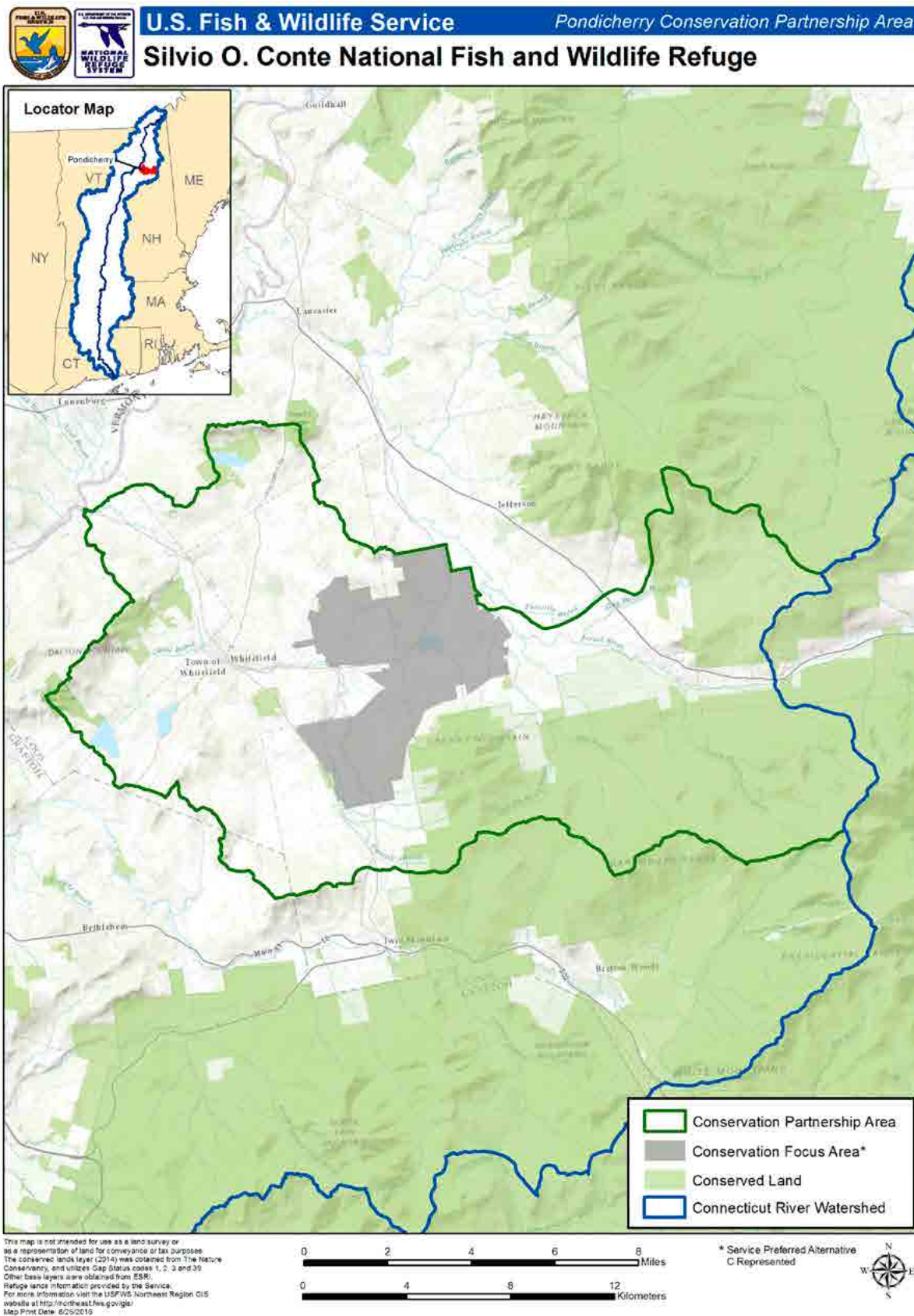
Map 4.13. Proposed Blueberry Swamp CPA, New Hampshire



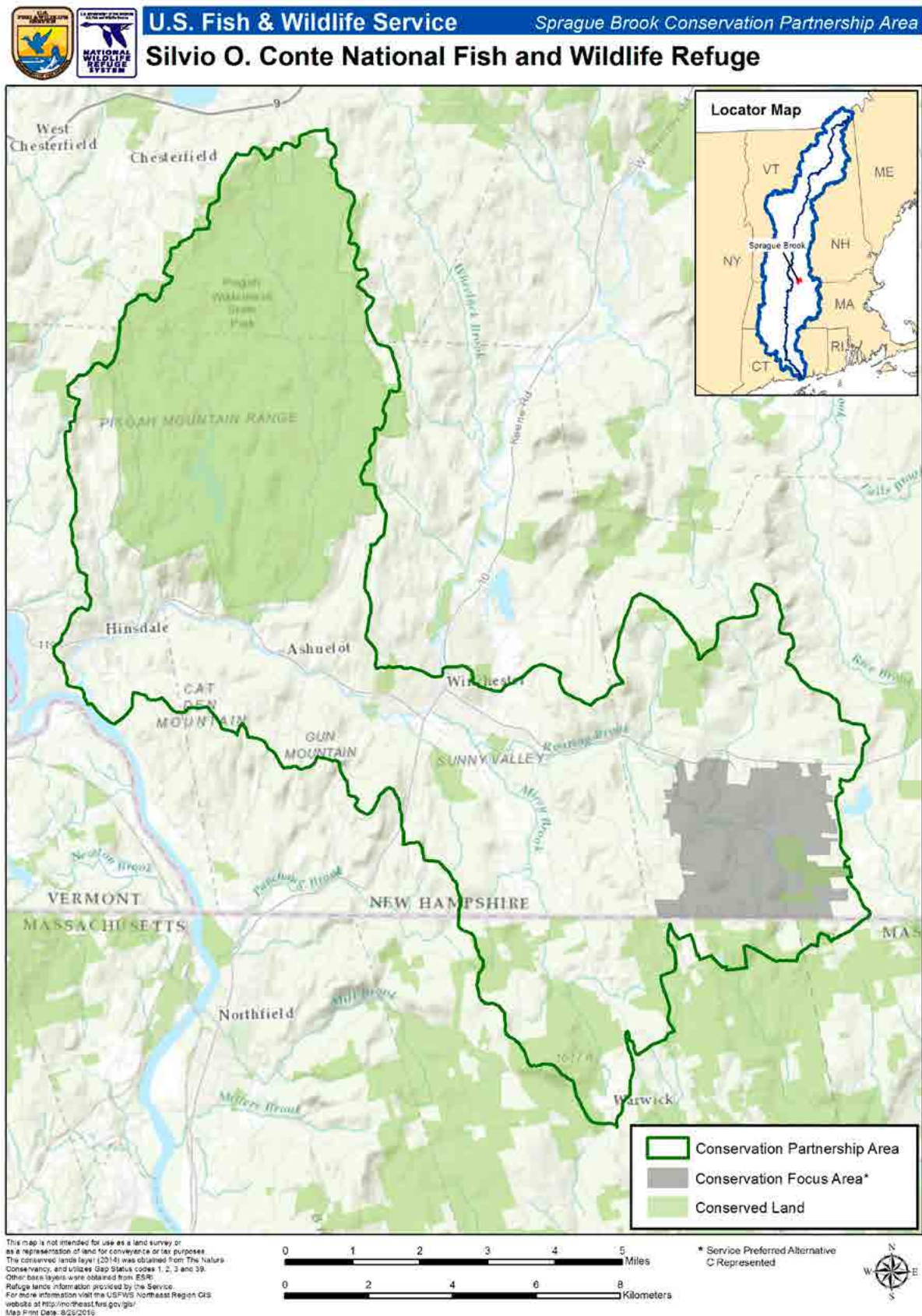
Map 4.14. Proposed Mascoma River CPA, New Hampshire



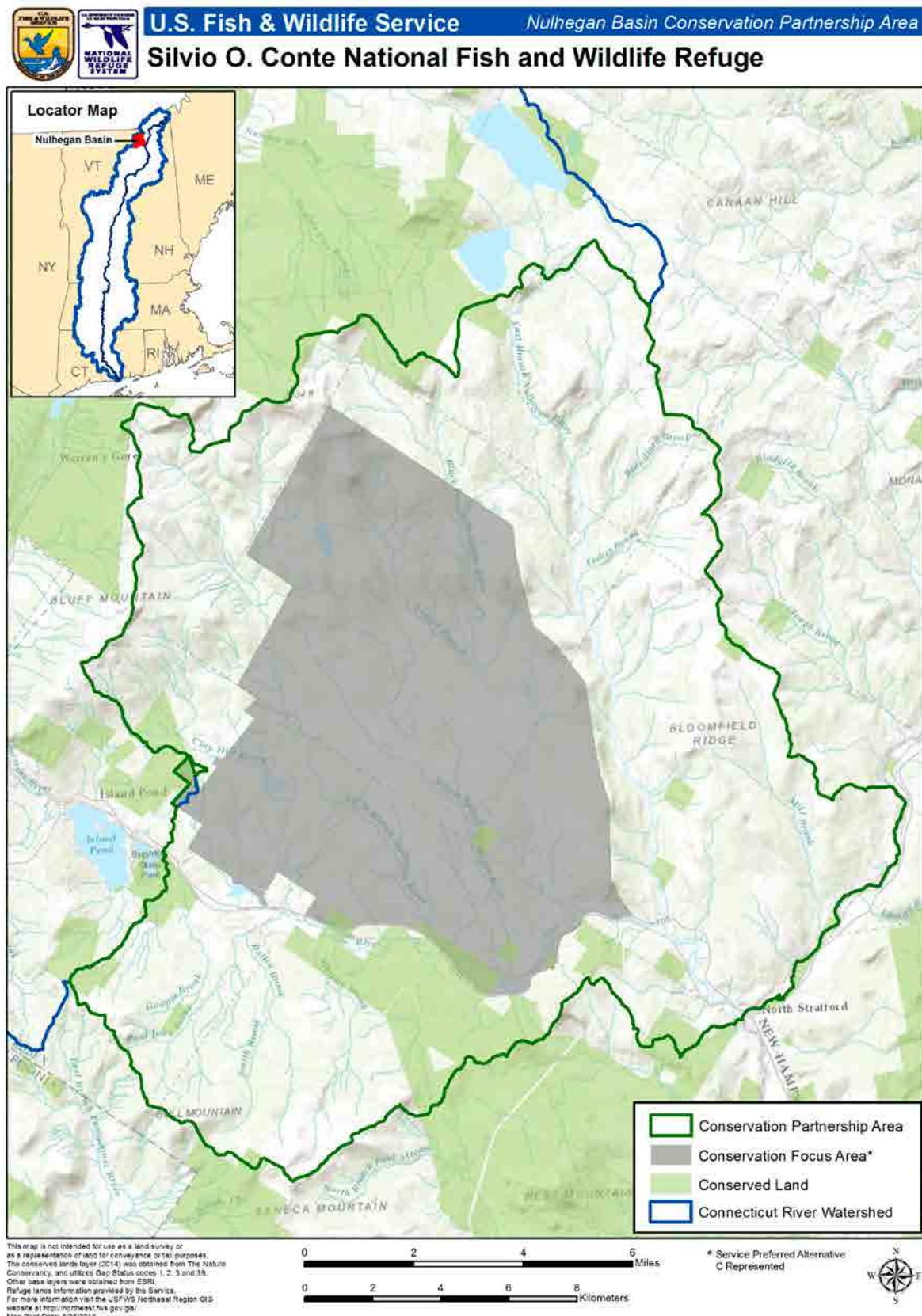
Map 4.15. Proposed Pondicherry CPA, New Hampshire



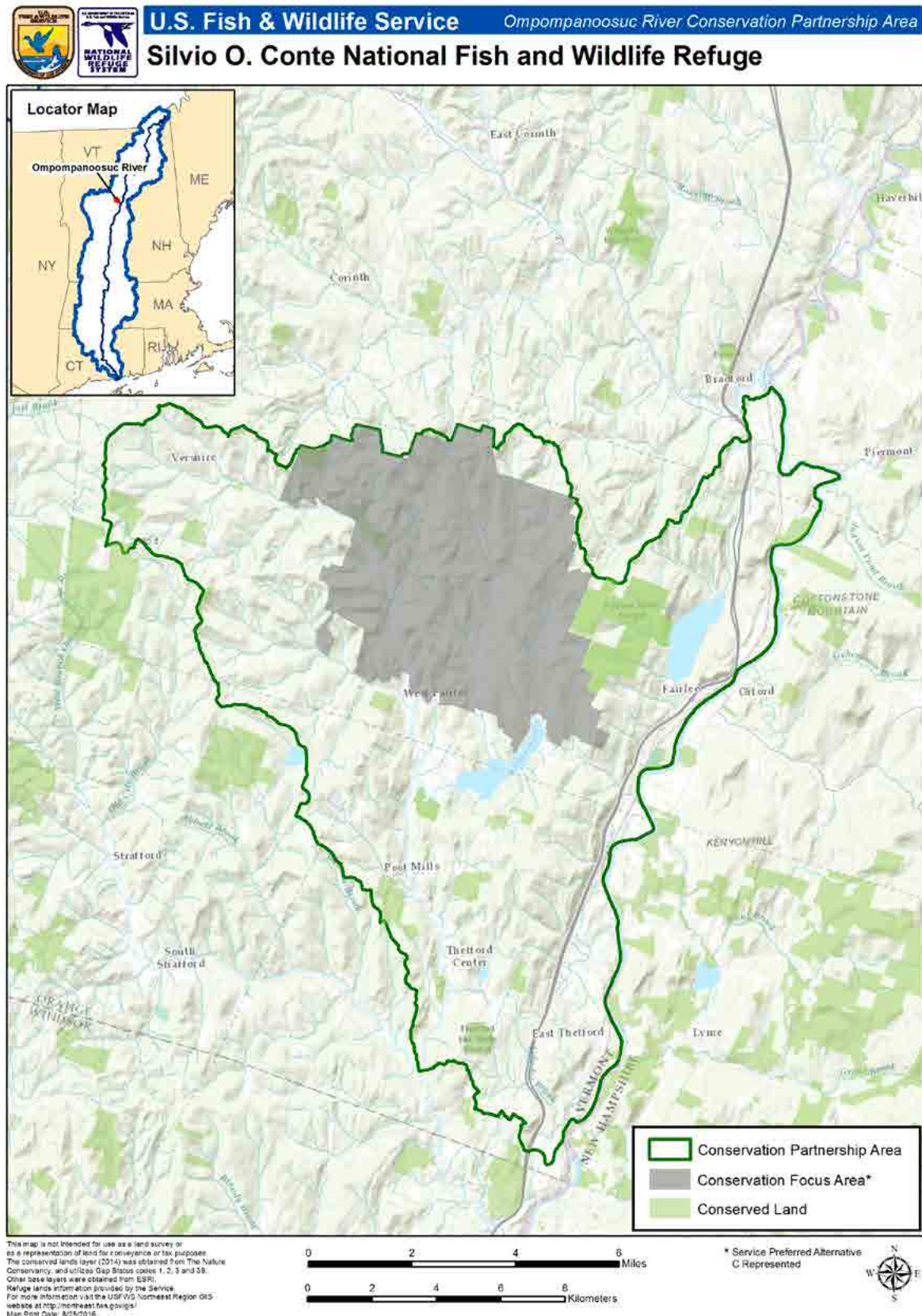
Map 4.16. Proposed Sprague Brook CPA, New Hampshire and Massachusetts



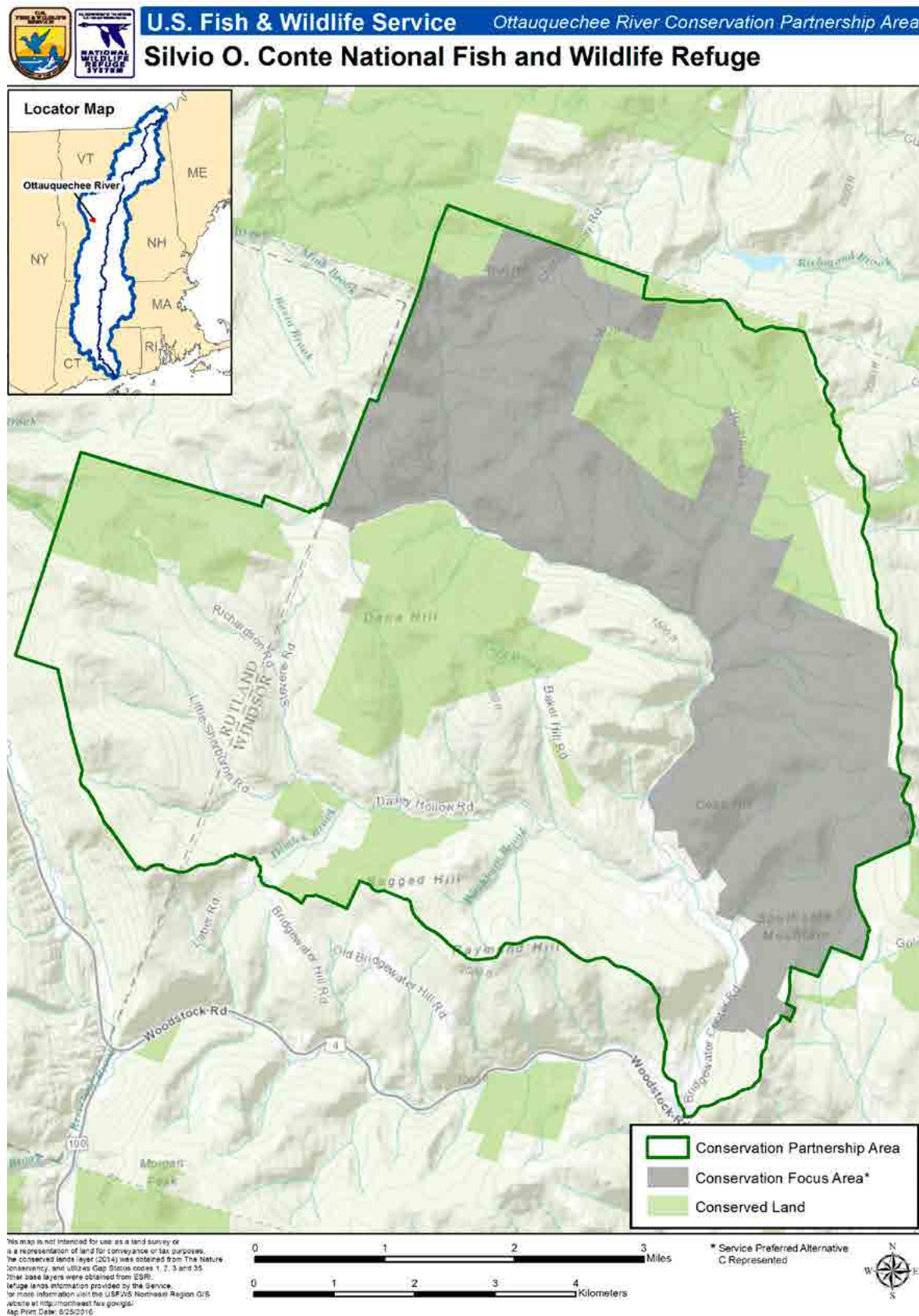
Map 4.17. Proposed Nulhegan Basin CPA, Vermont



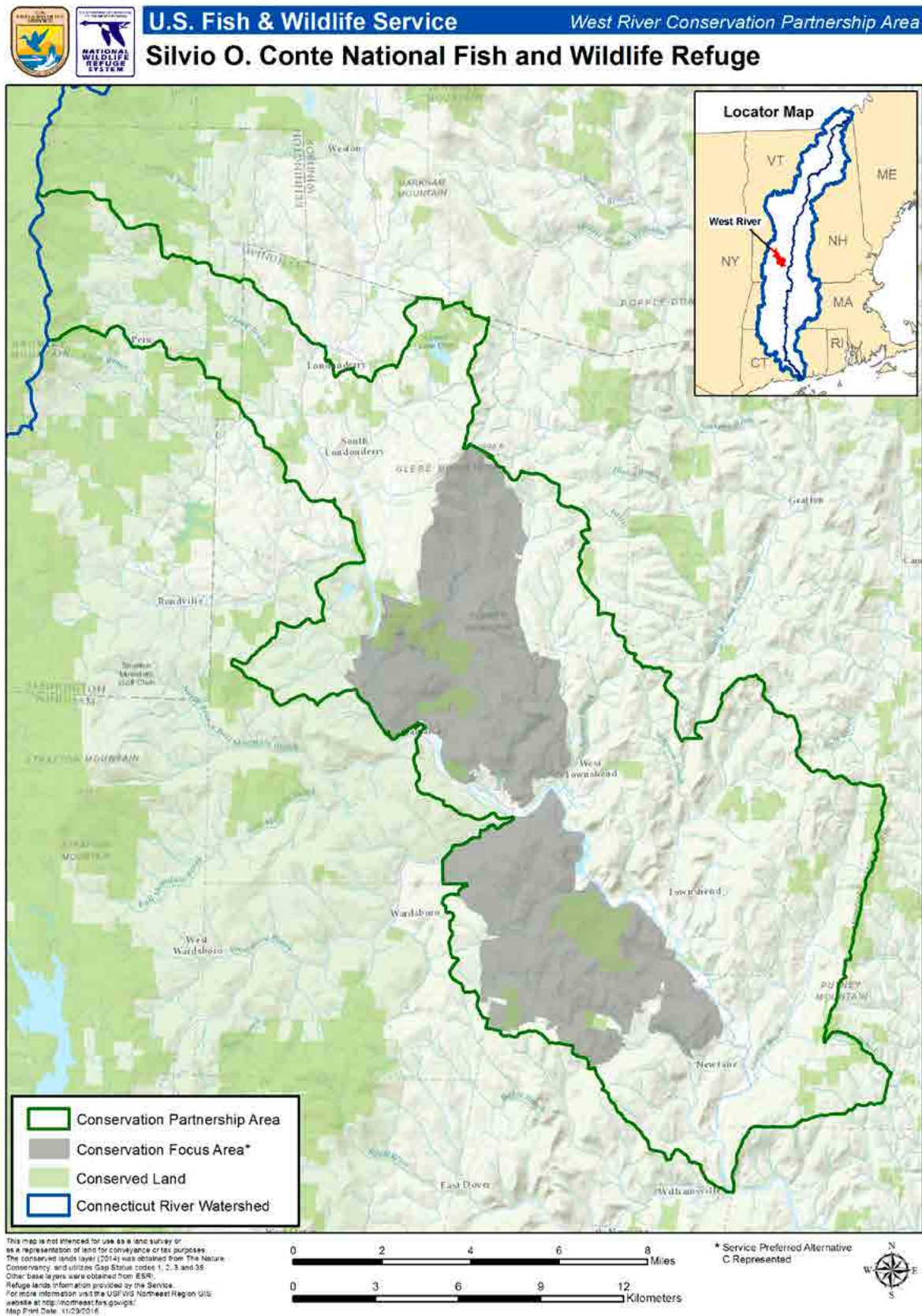
Map 4.18. Proposed Ompompanoosuc River CPA, Vermont



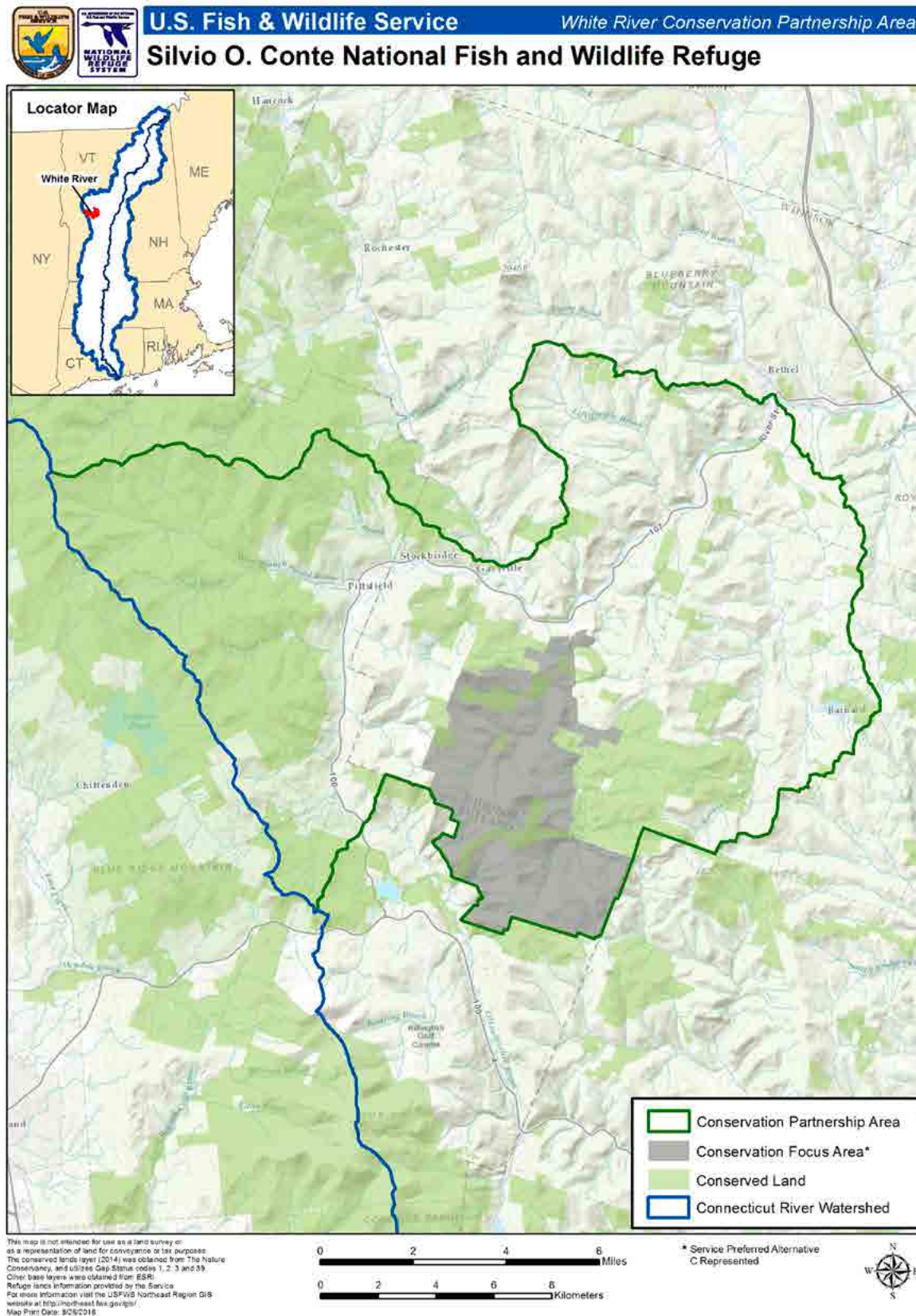
Map 4.19. Proposed Ottauquechee River CPA, Vermont



Map 4.20. Proposed West River CPA, Vermont



Map 4.21. Proposed White River CPA, Vermont



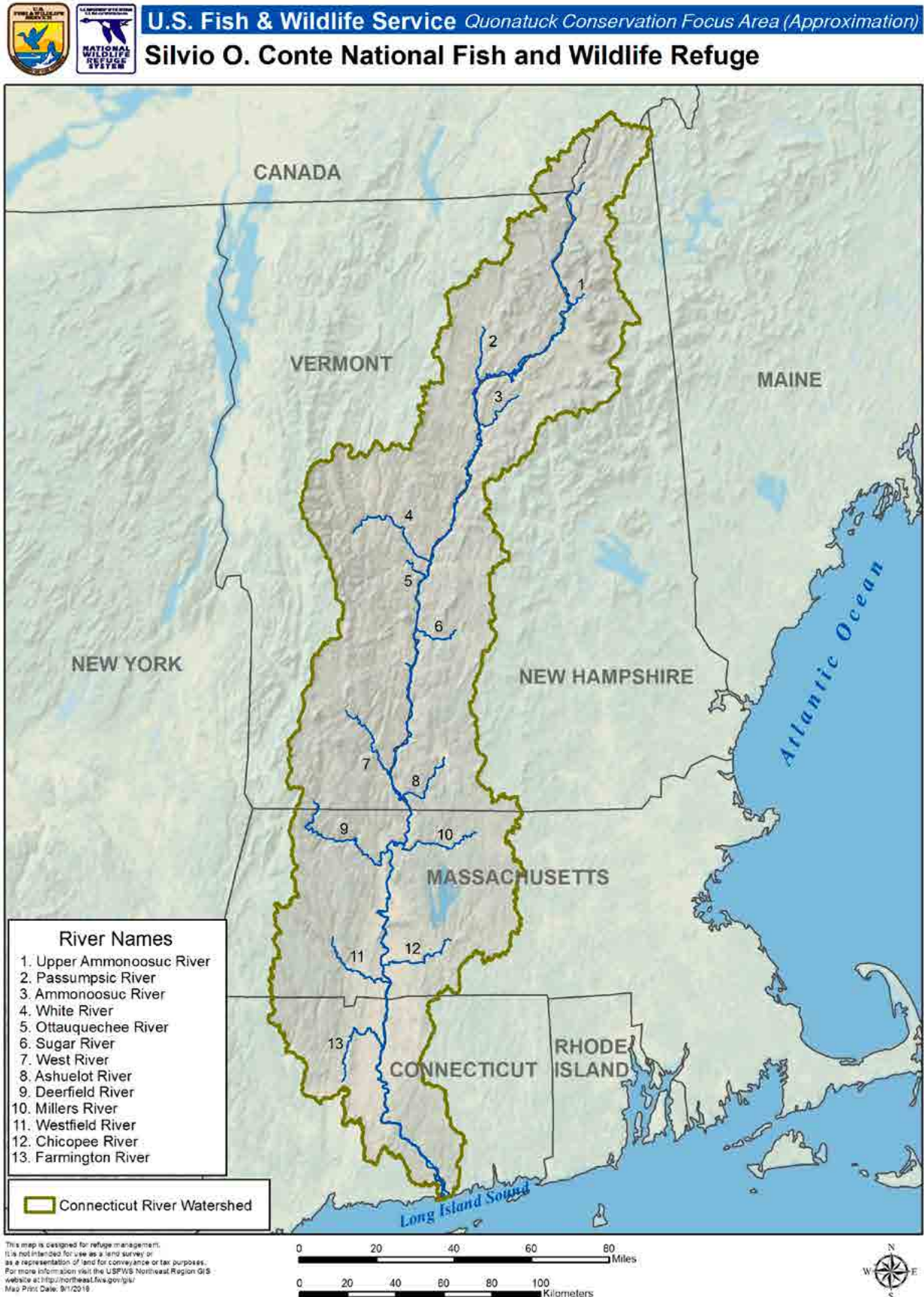
Maps of Proposed CFAs

The following maps show each of the individual CFAs under all the alternatives. CFAs are where we propose to acquire refuge lands for the refuge, either through fee or easement. The maps are organized alphabetically by state. Each CFA map shows:

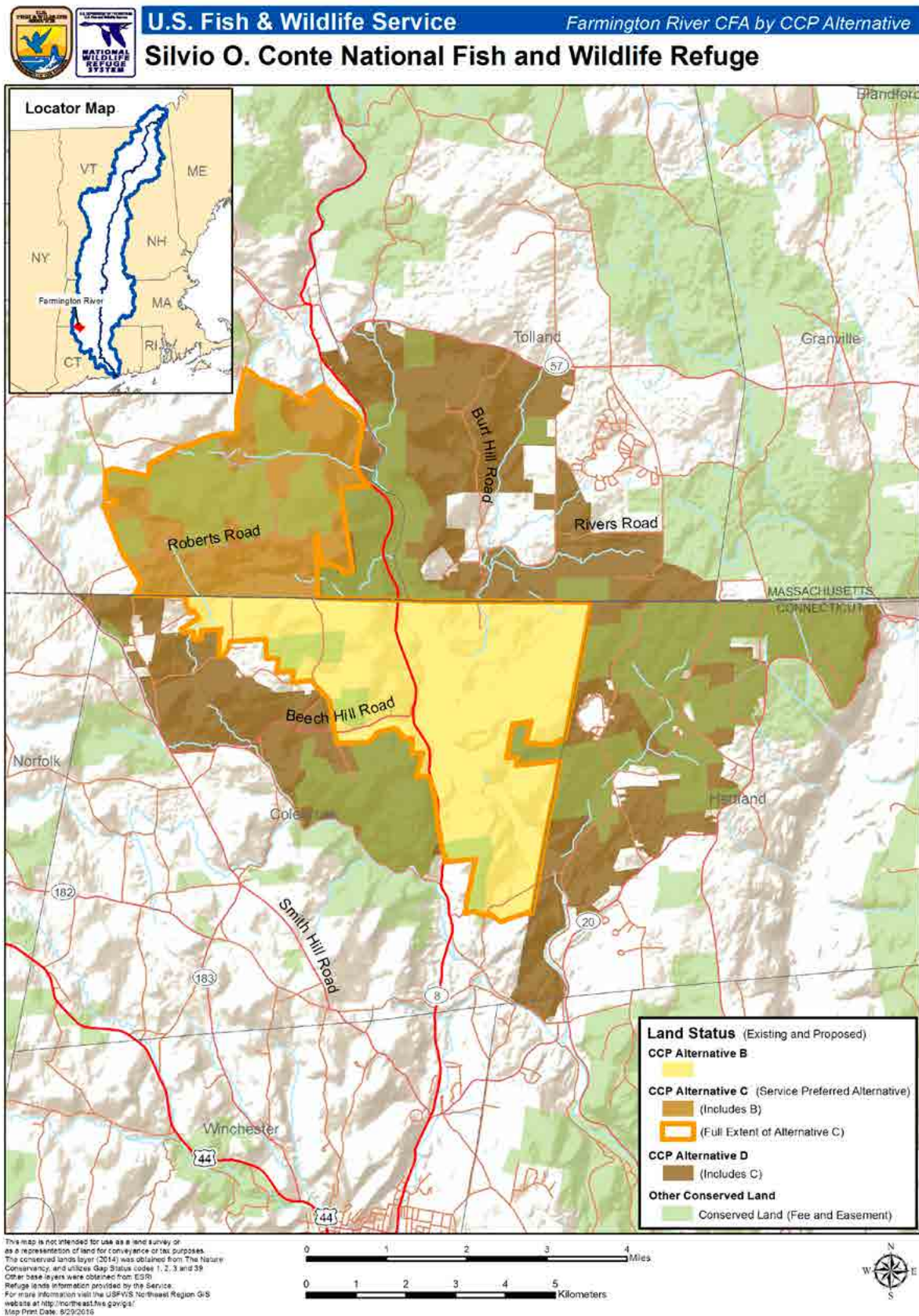
- Our proposed refuge boundary under alternatives B, C, and D (note: the proposed expansions are additive. For example, alternative C includes all of alternative B). The lands we propose for Service acquisition from willing sellers under alternatives B, C, and D are shown in yellow, tan, and dark brown, respectively.
- The current refuge ownership in that CFA, if any (shown in dark blue).
- Any additional lands that are currently approved for refuge acquisition in fee or easement (shown in light blue).
- Conserved lands as defined by The Nature Conservancy's 2014 secured lands data using GAP status 1, 2, 3 and 39 definitions (<https://www.conservationgateway.org/ConservationByGeography/NorthAmerica/UnitedStates/edc/reportsdata/terrestrial/secured/Pages/default.aspx>). The Service does not intend to pursue acquisition of existing conserved lands (shown in green).

The Quonaturuck CFA is unique among these maps as it is depicted as a linear feature. This depiction approximates our proposal to acquire land from willing sellers within the 100-year floodplain of the Connecticut River mainstem and its major tributaries. The priorities within the Quonaturuck CFA are to protect threatened and endangered species and their habitats, floodplain forest, and tidal wetlands.

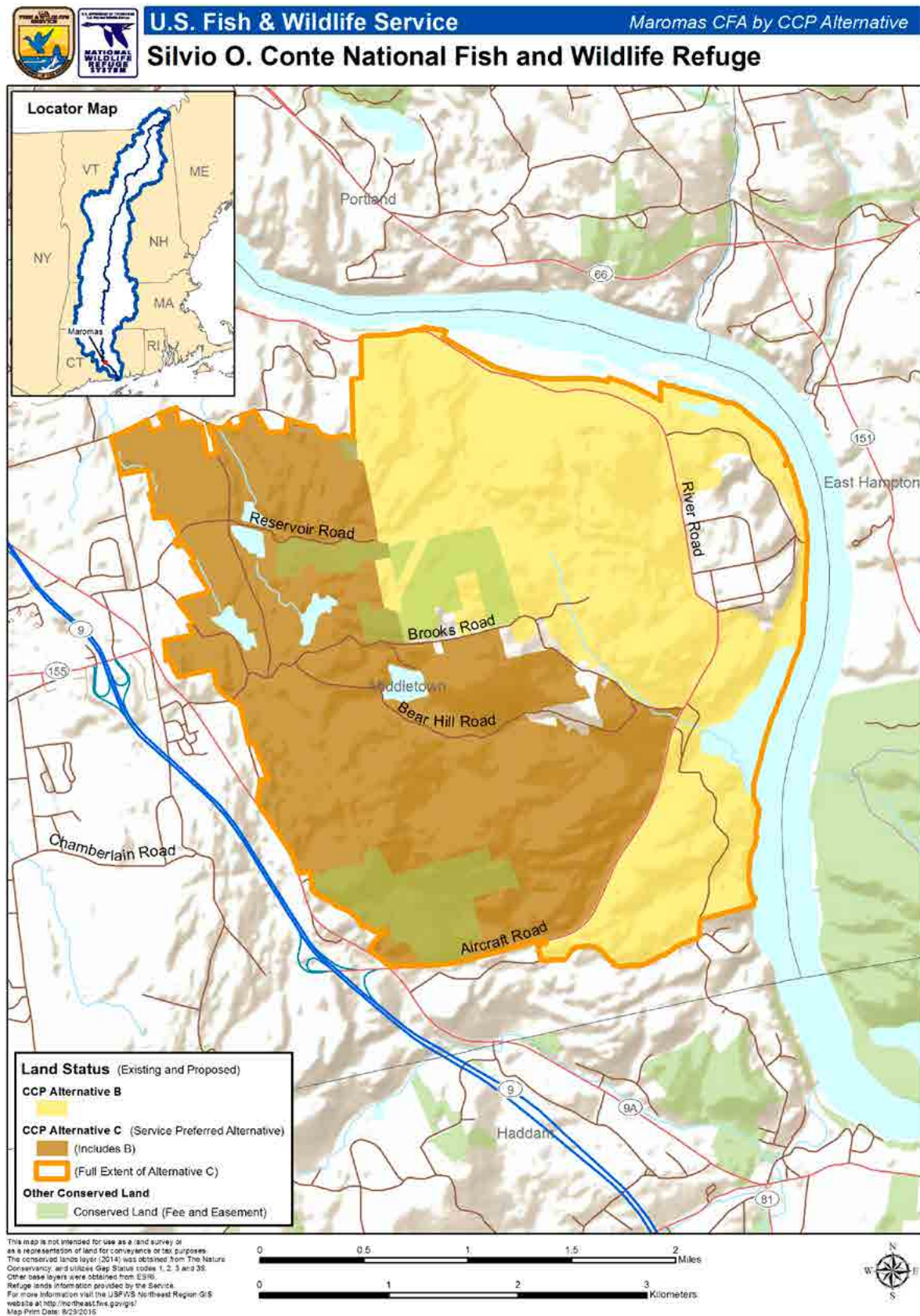
Map 4.22. The Quonotuck CFA (100-year Floodplain)



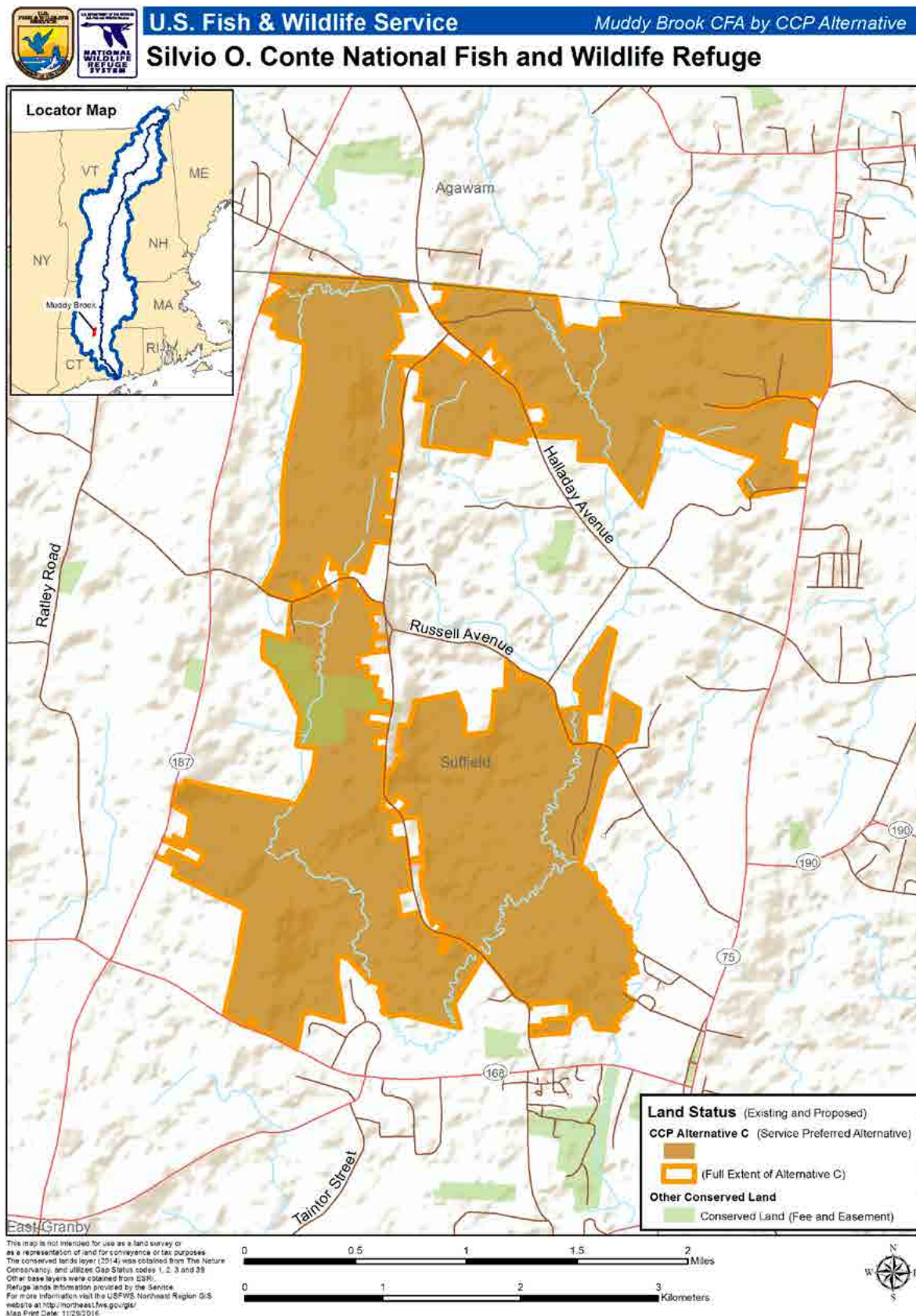
Map 4.23. Proposed Farmington River CFA under all Alternatives, Connecticut and Massachusetts



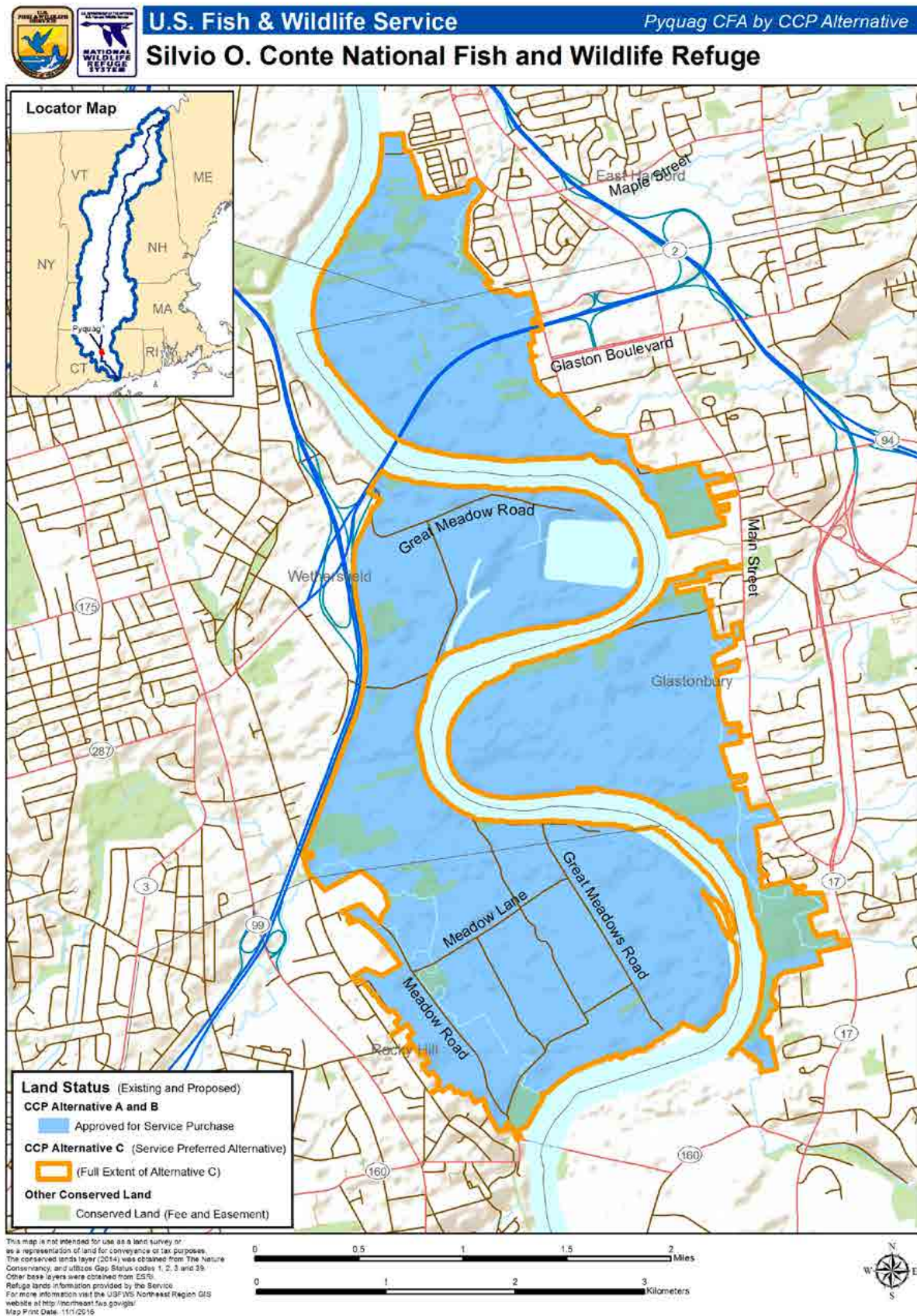
Map 4.24. Proposed Maromas CFA under all Alternatives, Connecticut



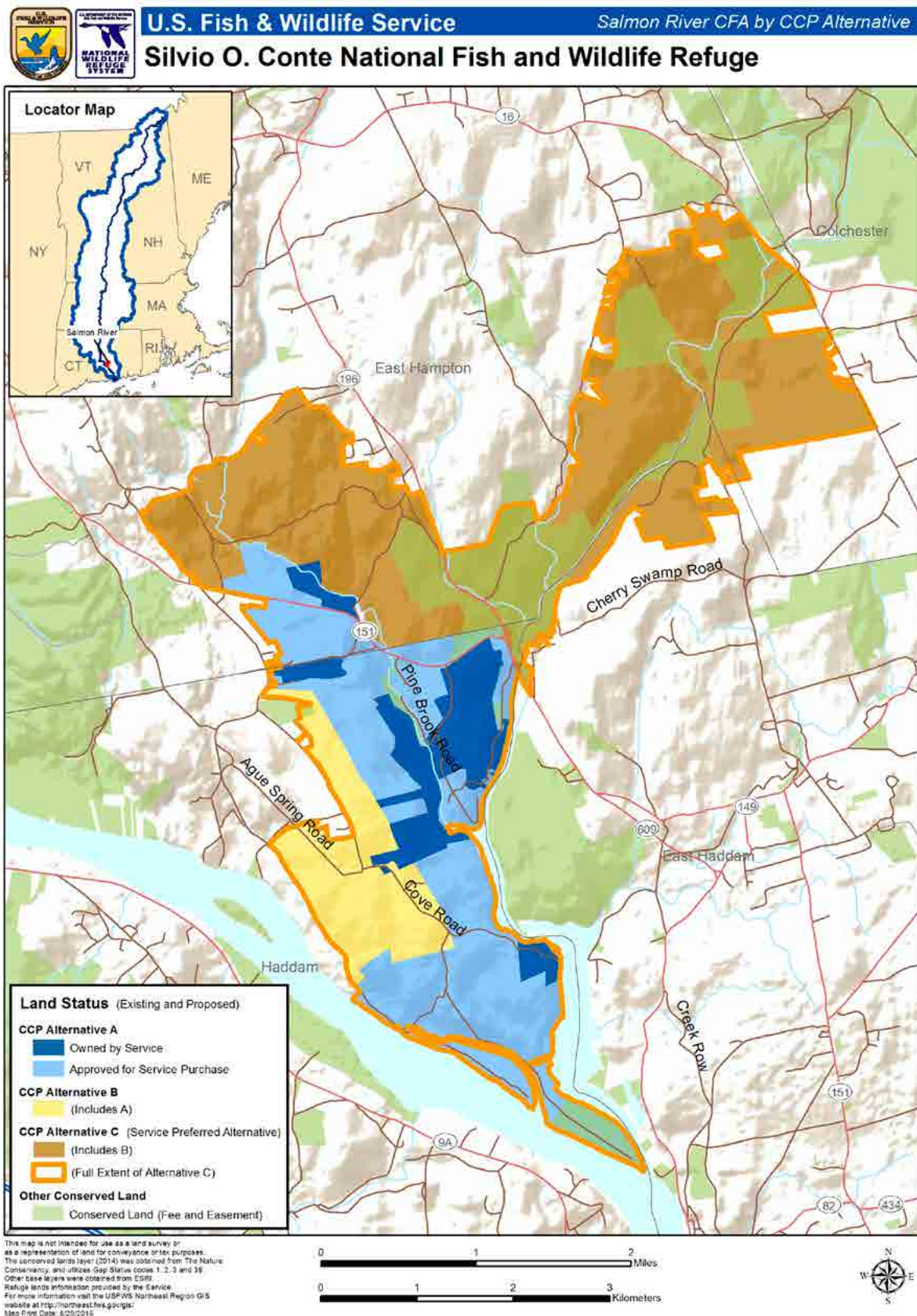
Map 4.25. Proposed Muddy Brook CFA under all Alternatives, Connecticut



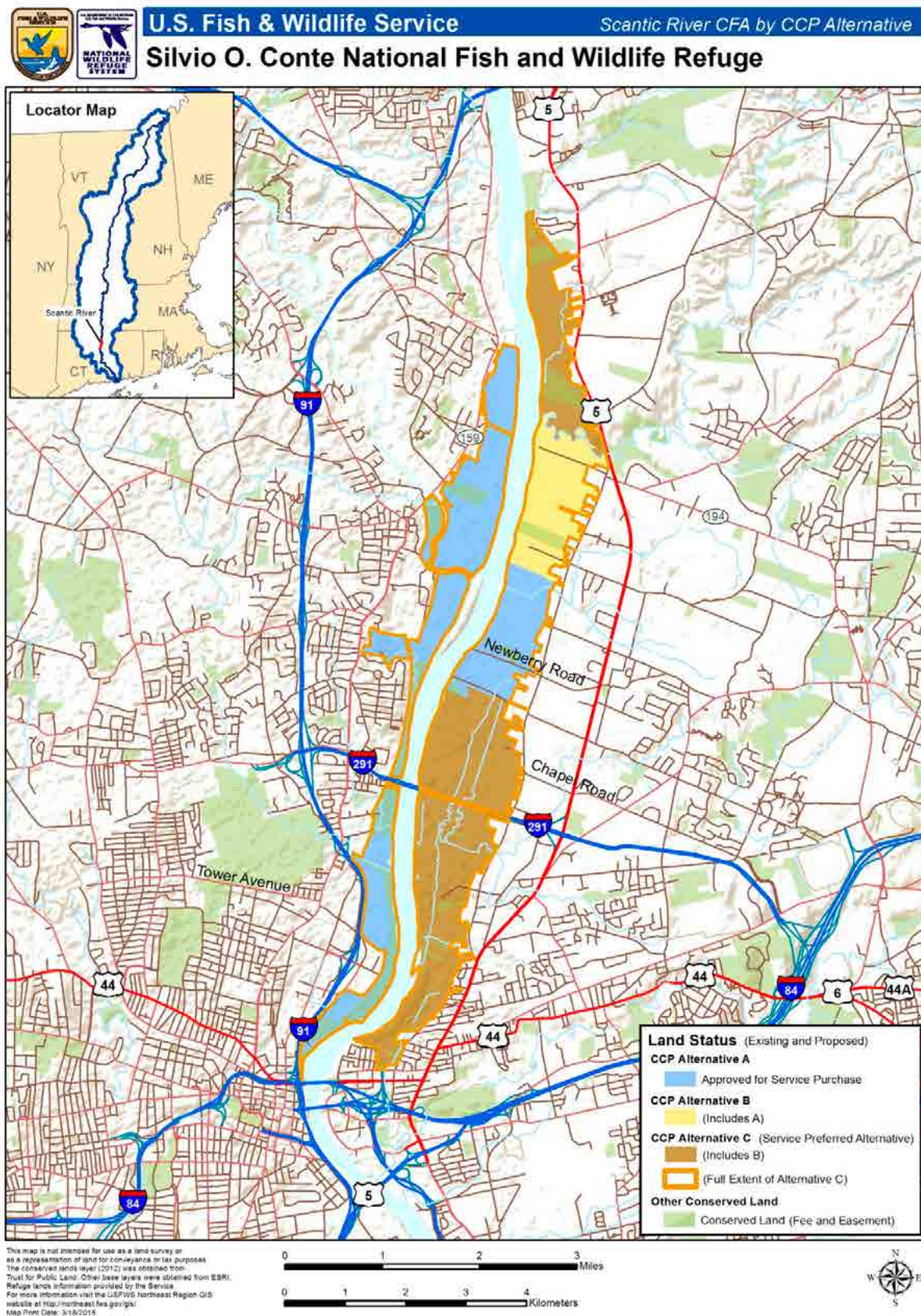
Map 4.26. Proposed Pyquag CFA under all Alternatives, Connecticut



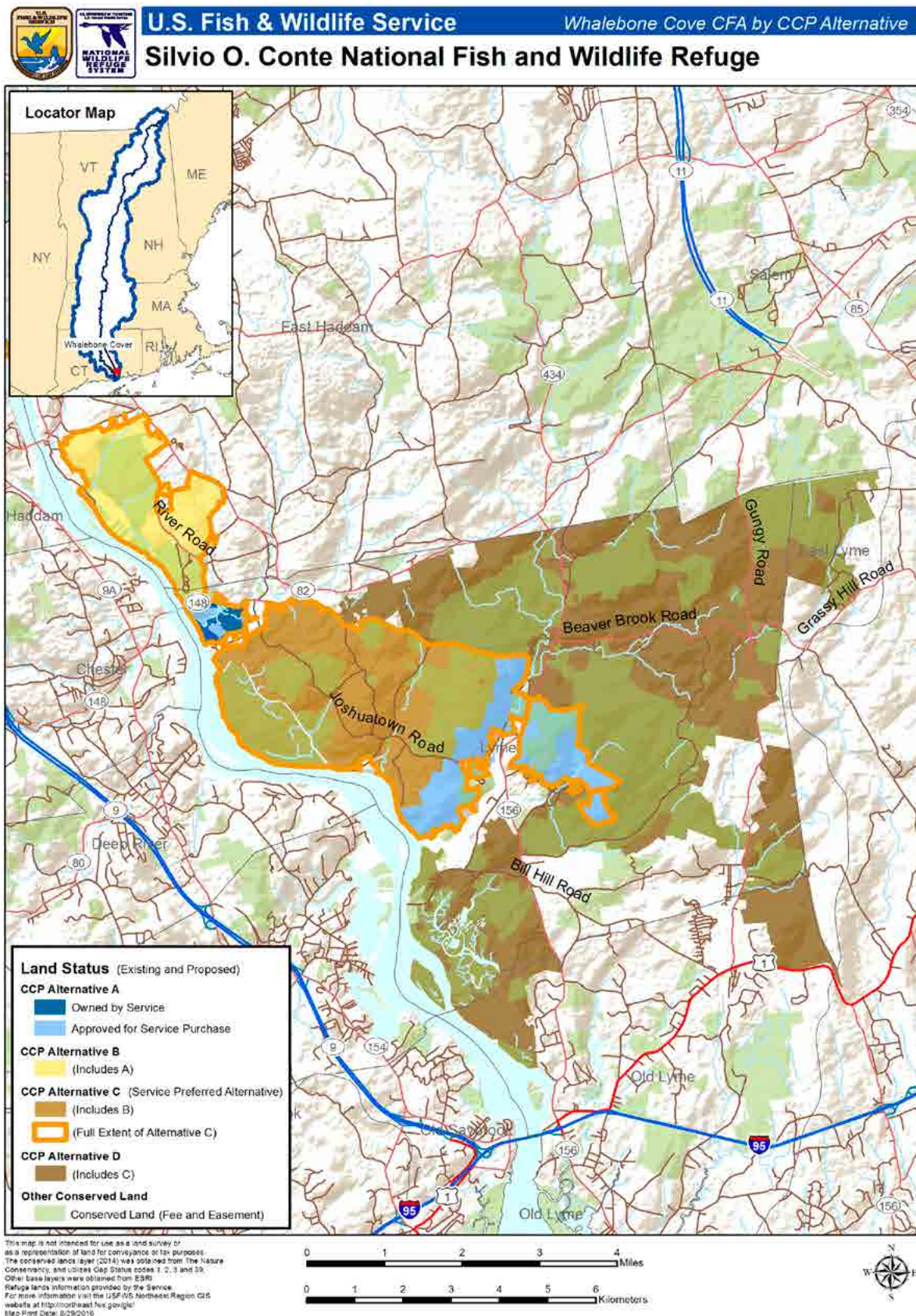
Map 4.27. Proposed Salmon River CFA under all Alternatives, Connecticut



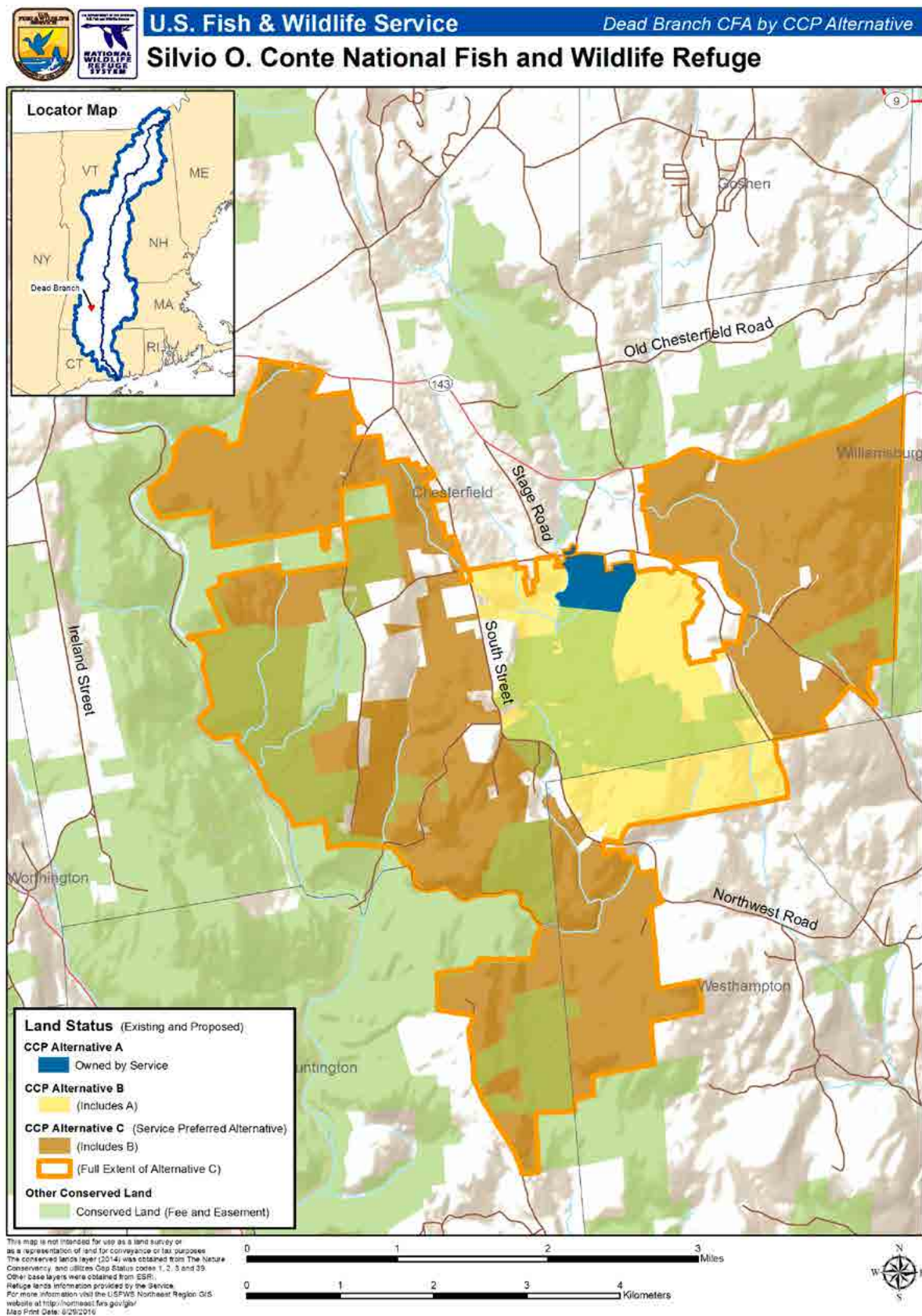
Map 4.28. Proposed Scantic CFA under all Alternatives, Connecticut



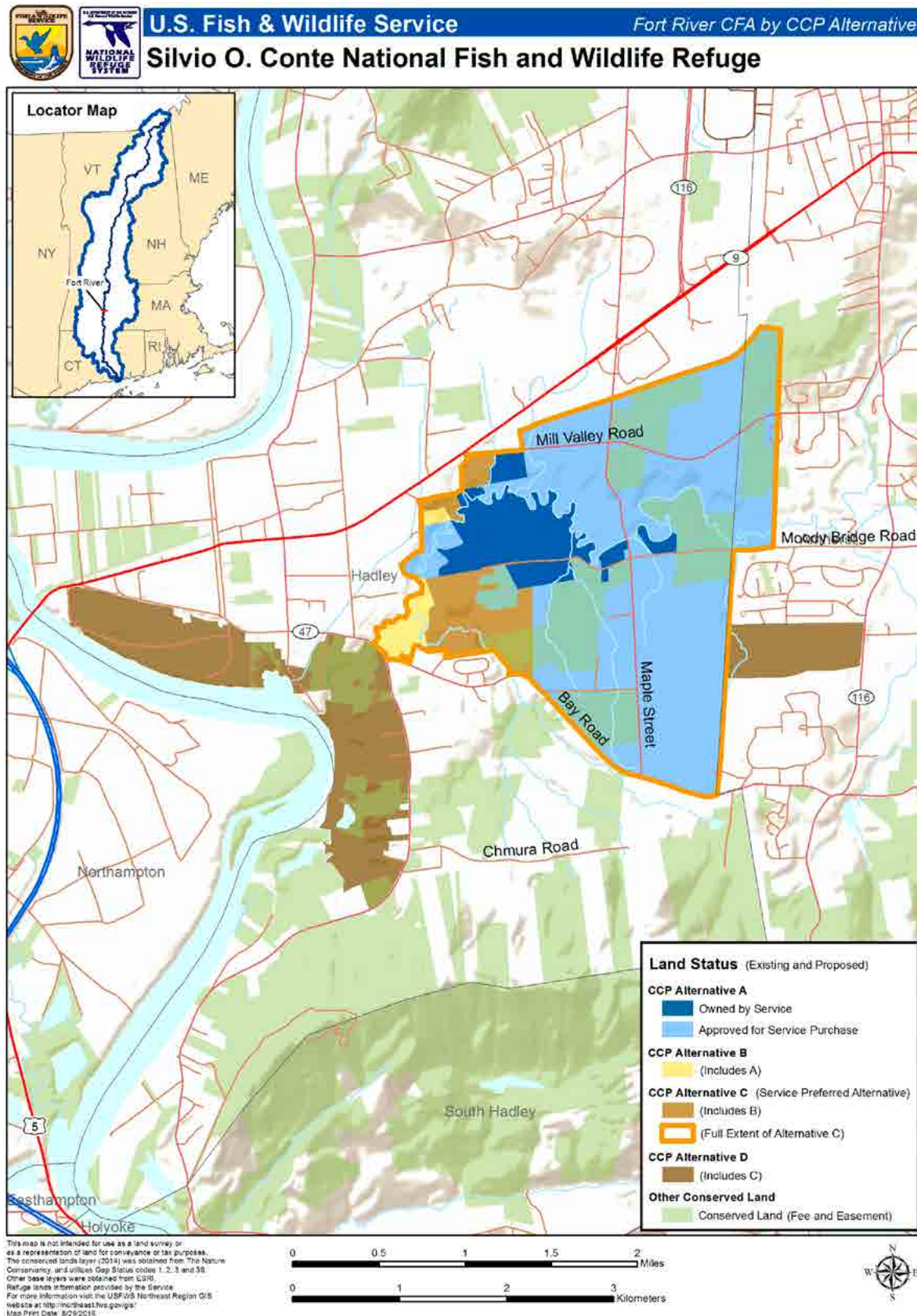
Map 4.29. Proposed Whalebone Cove CFA under all Alternatives, Connecticut



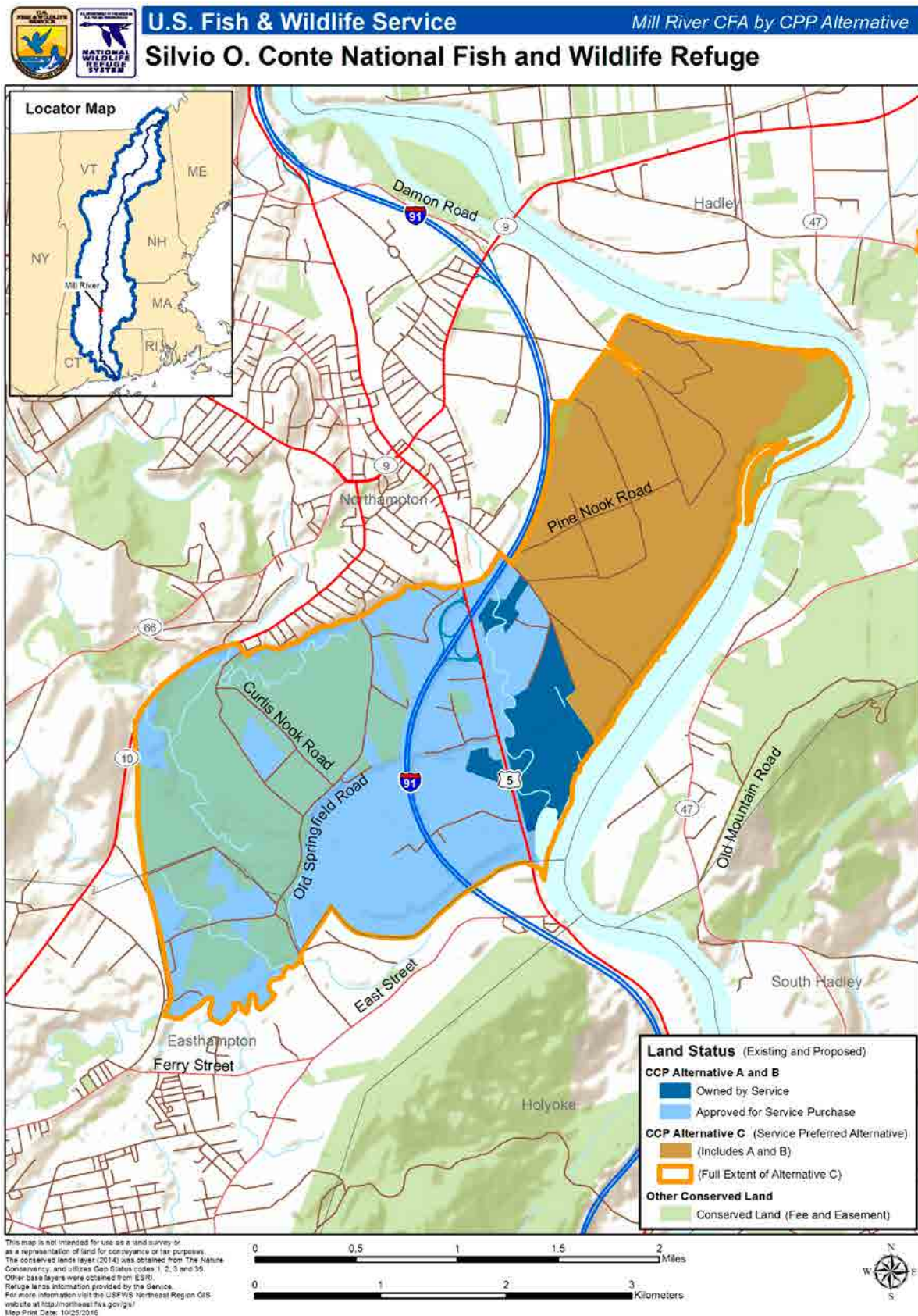
Map 4.30. Proposed Dead Branch CFA under all Alternatives, Massachusetts



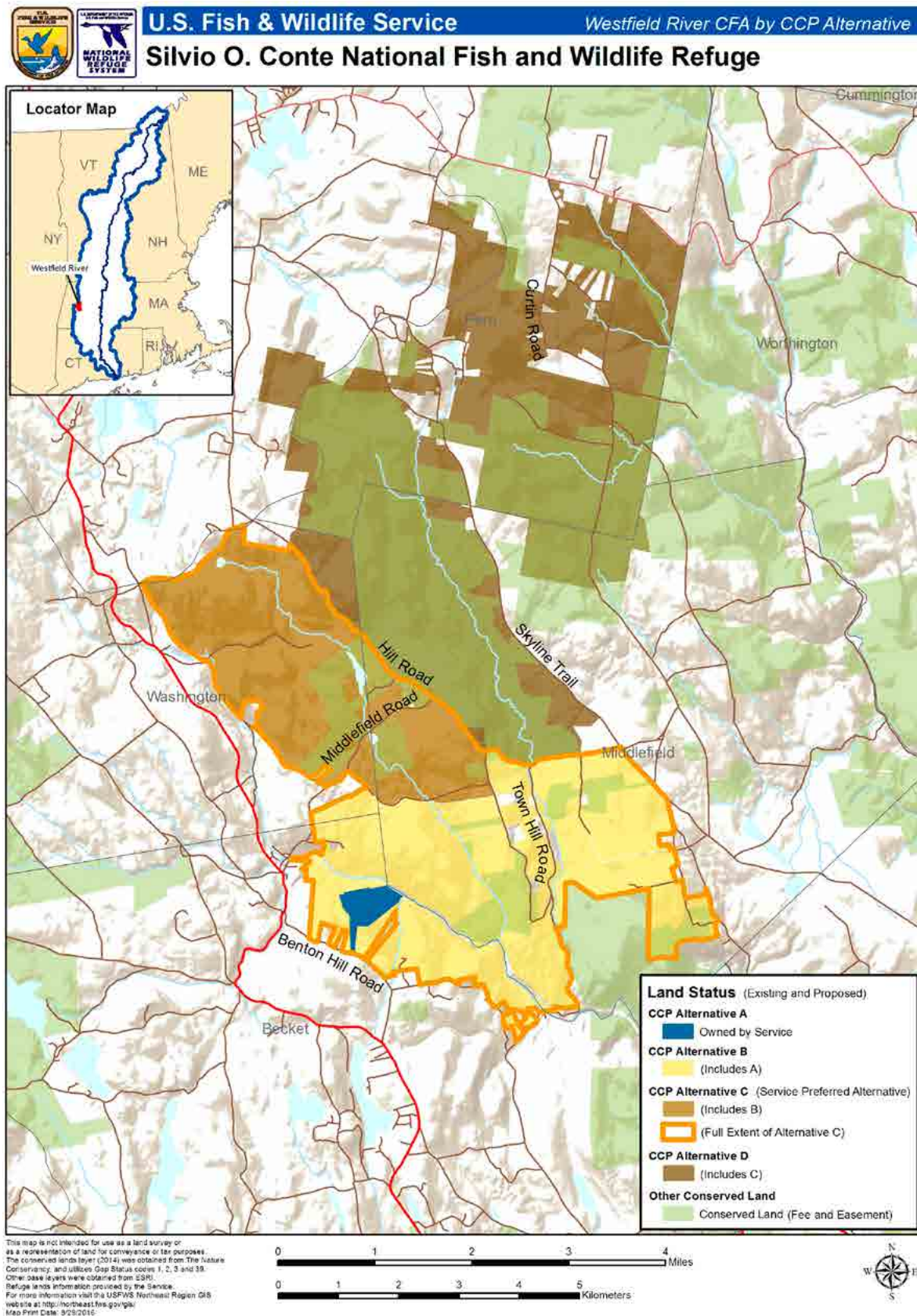
Map 4.31. Proposed Fort River CFA under all Alternatives, Massachusetts



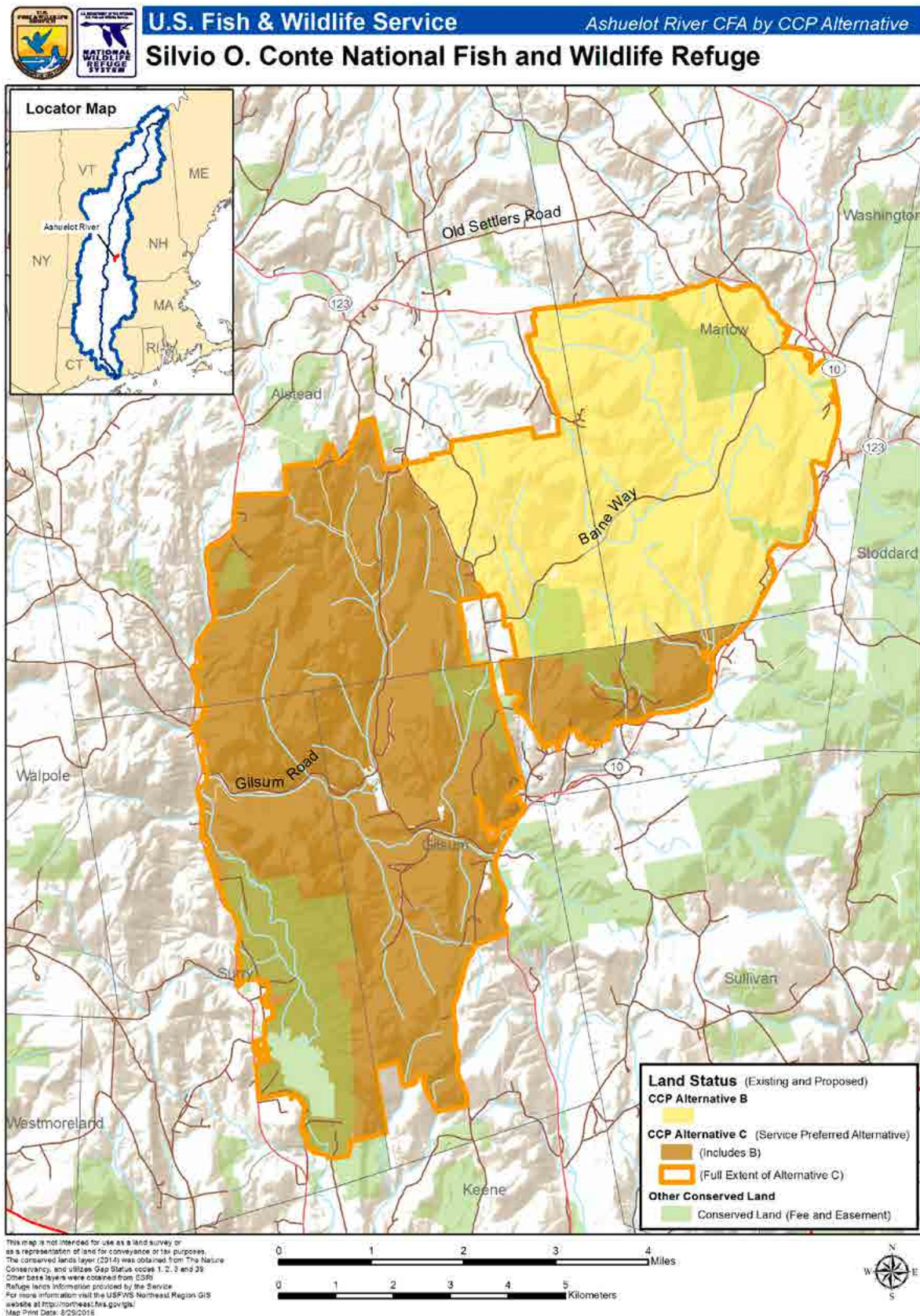
Map 4.32. Proposed Mill River CFA under all Alternatives, Massachusetts



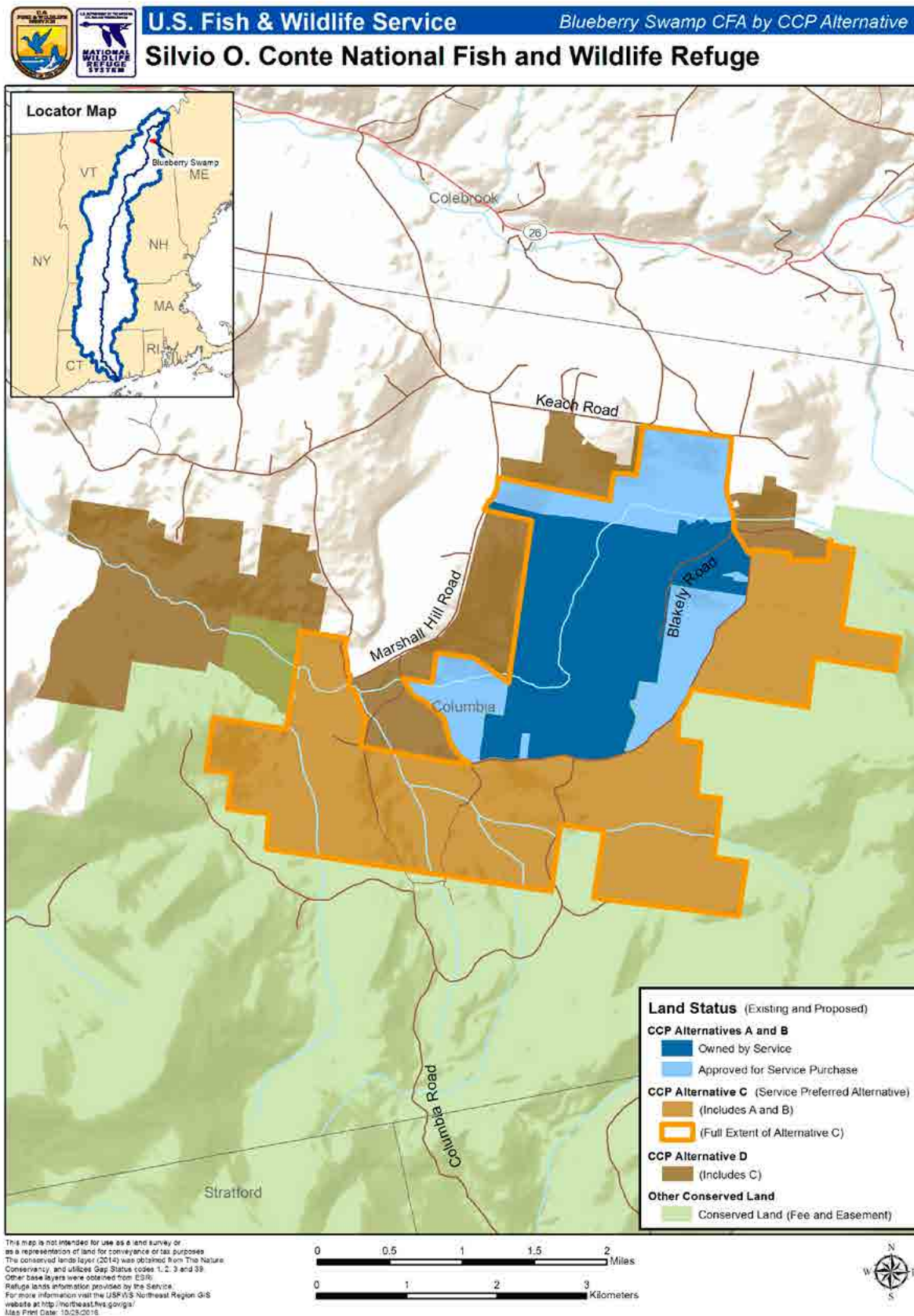
Map 4.33. Proposed Westfield River CFA under all Alternatives, Massachusetts



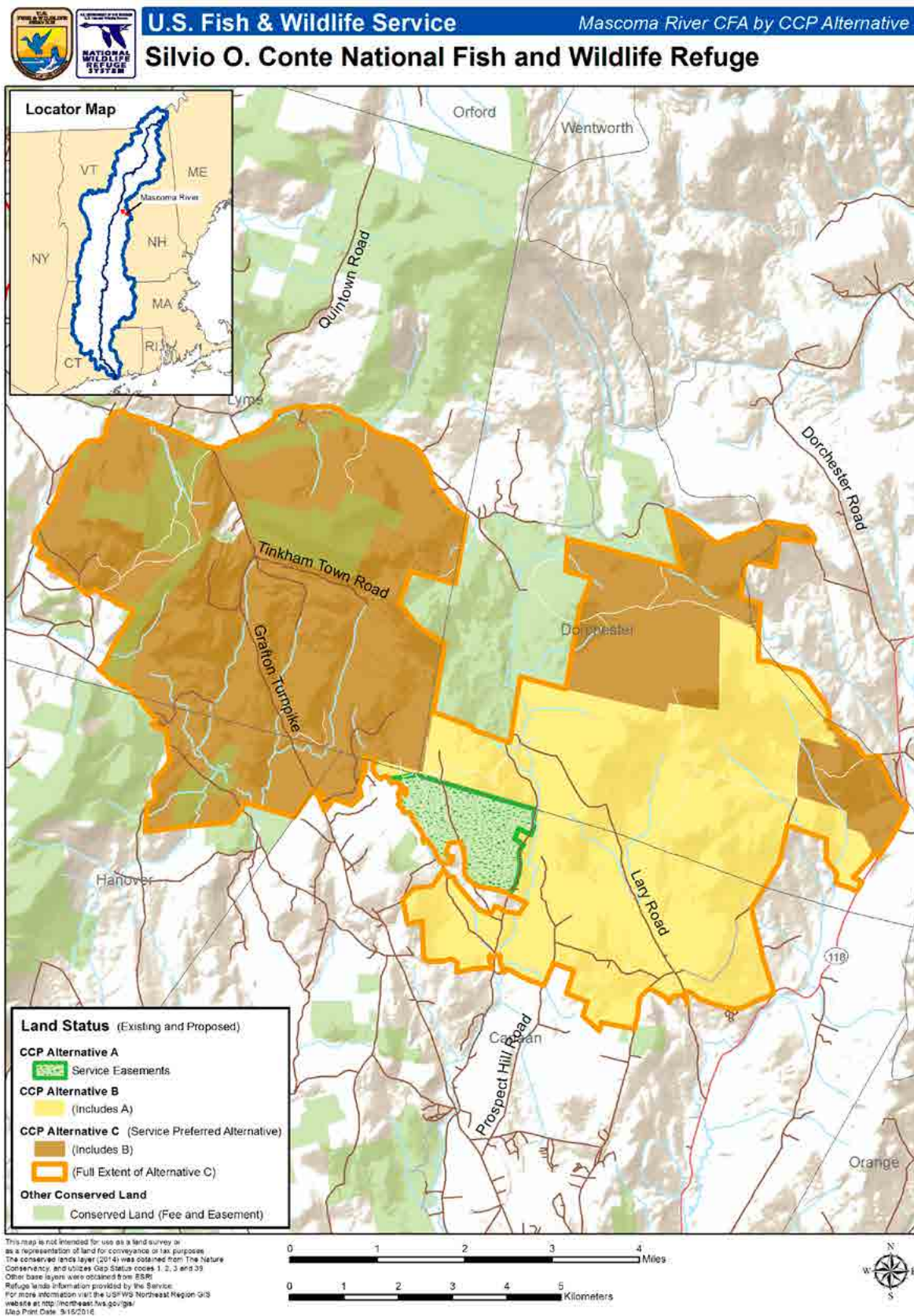
Map 4.34. Proposed Ashuelot River CFA under all Alternatives, New Hampshire



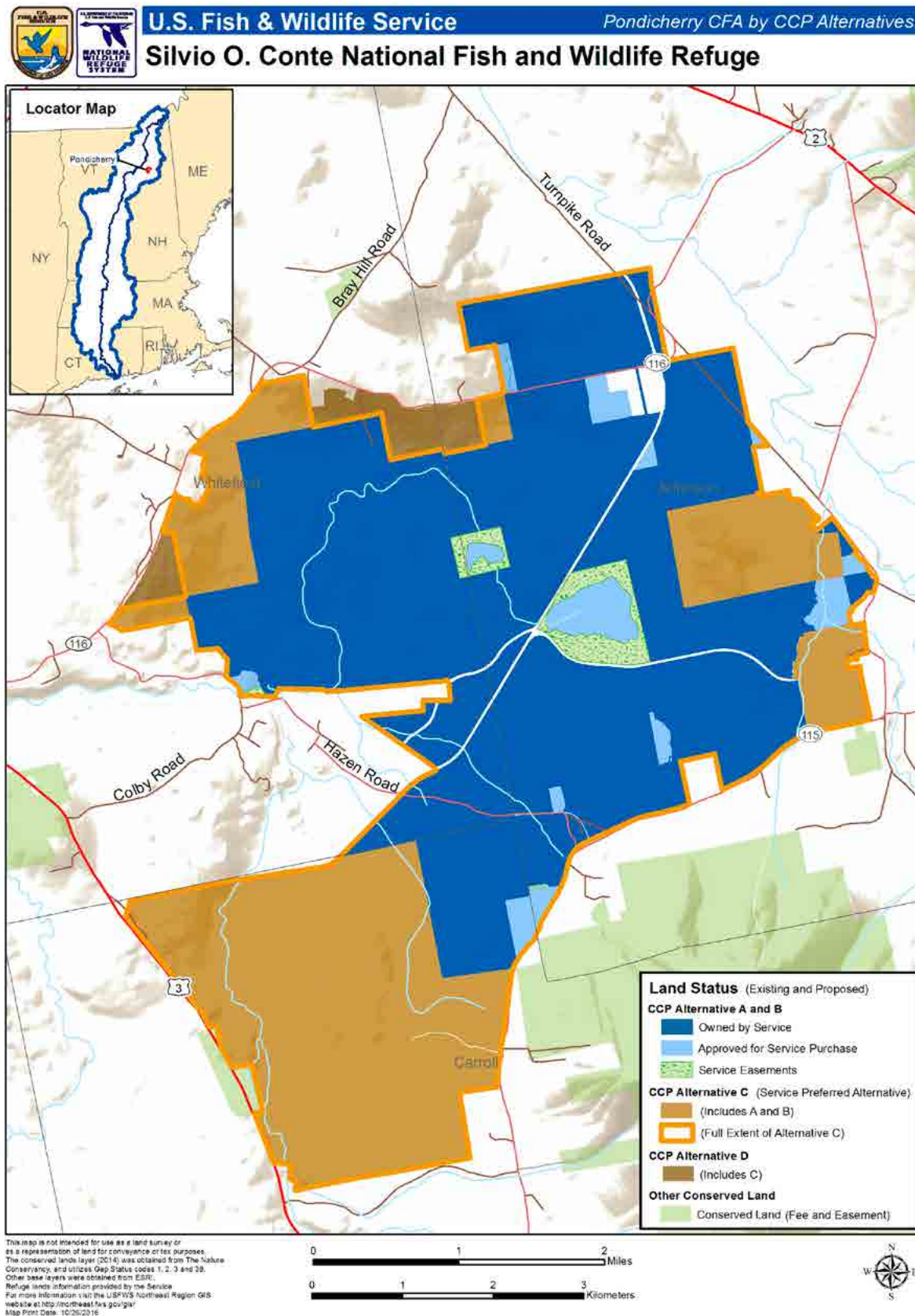
Map 4.35. Proposed Blueberry Swamp CFA under all Alternatives, New Hampshire



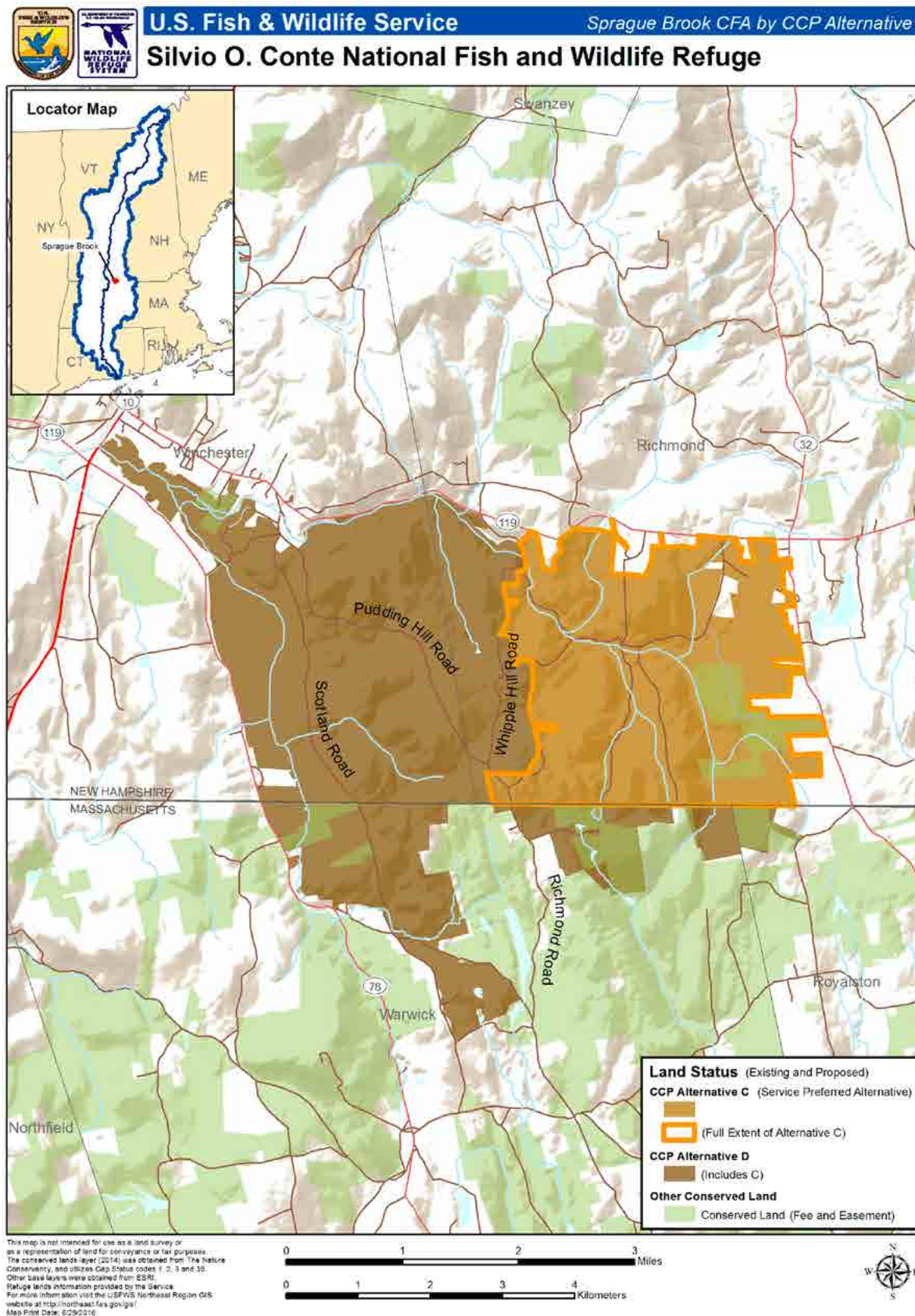
Map 4.36. Proposed Mascoma CFA under all Alternatives, New Hampshire



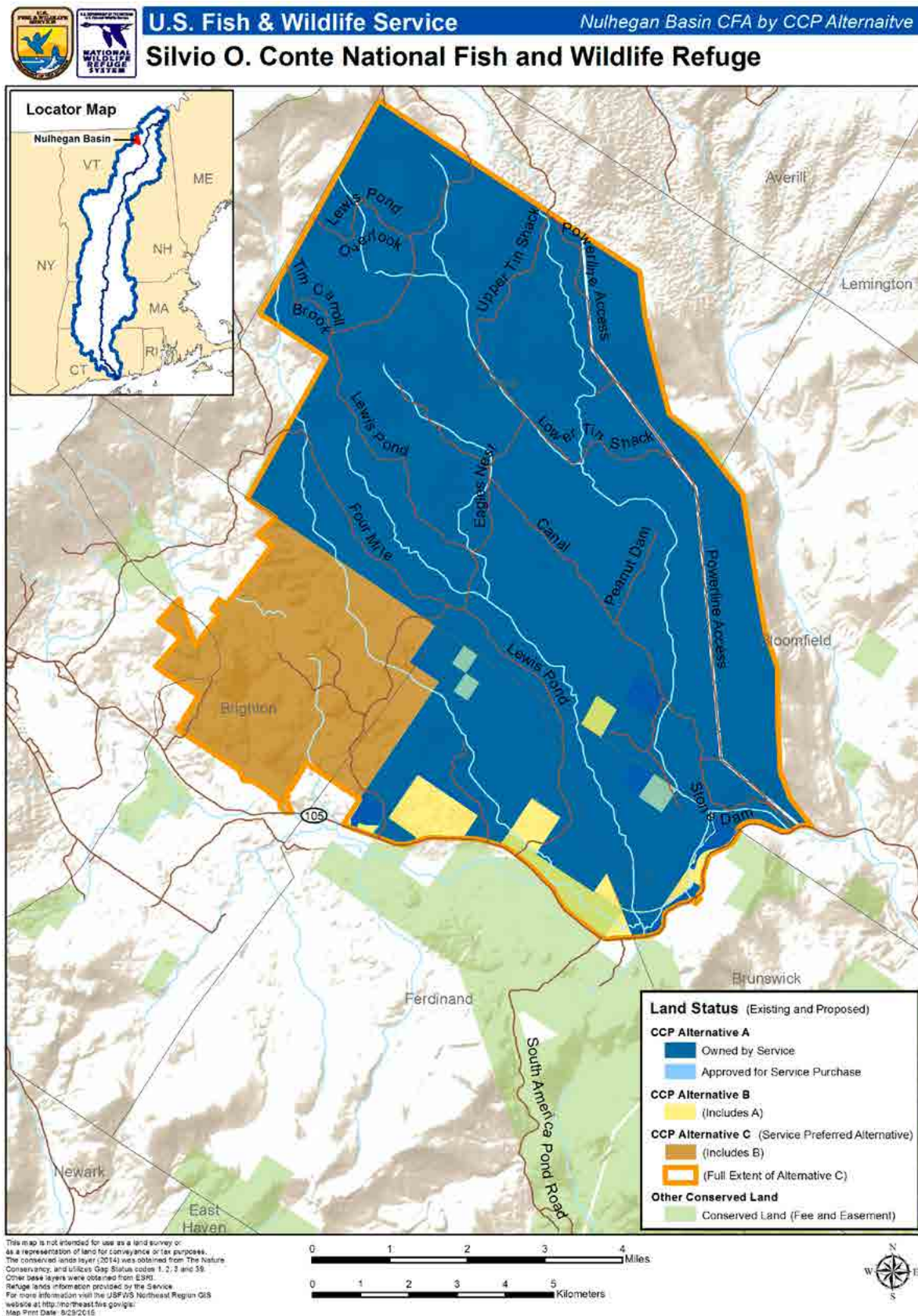
Map 4.37. Proposed Pondicherry CFA under all Alternatives, New Hampshire



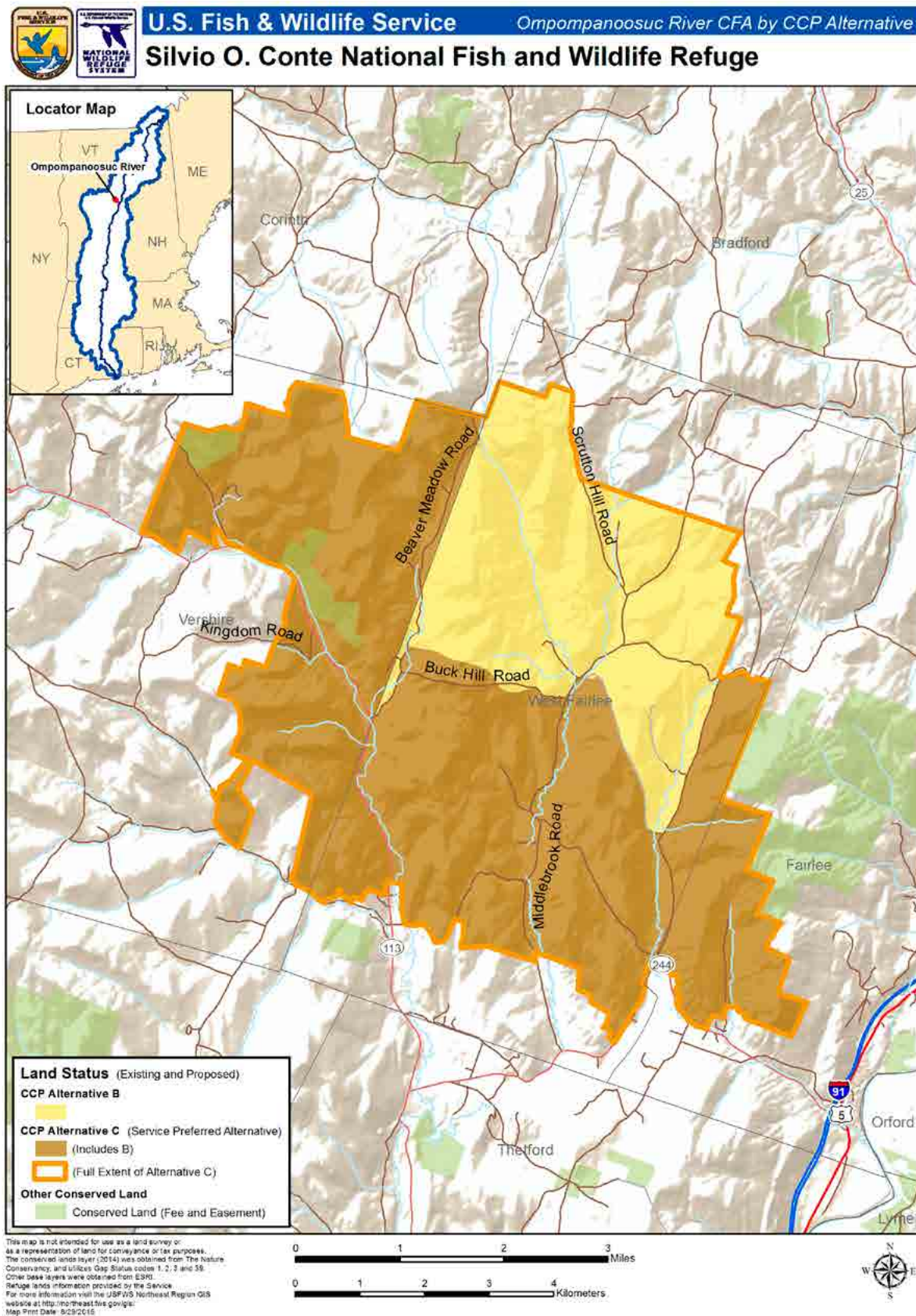
Map 4.38. Proposed Sprague Brook CFA under all Alternatives, New Hampshire and Massachusetts



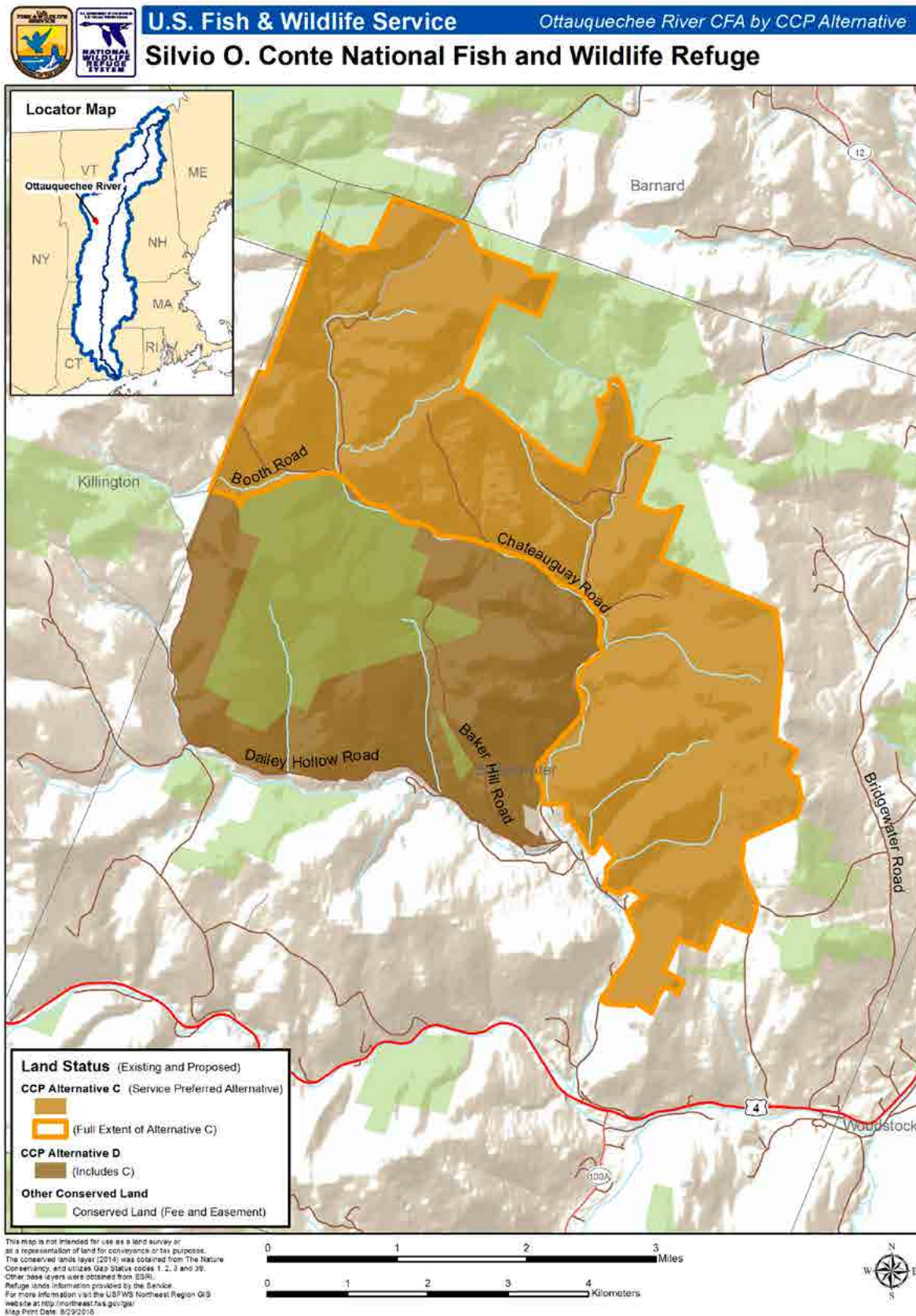
Map 4.39. Proposed Nulhegan Basin CFA under all Alternatives, Vermont



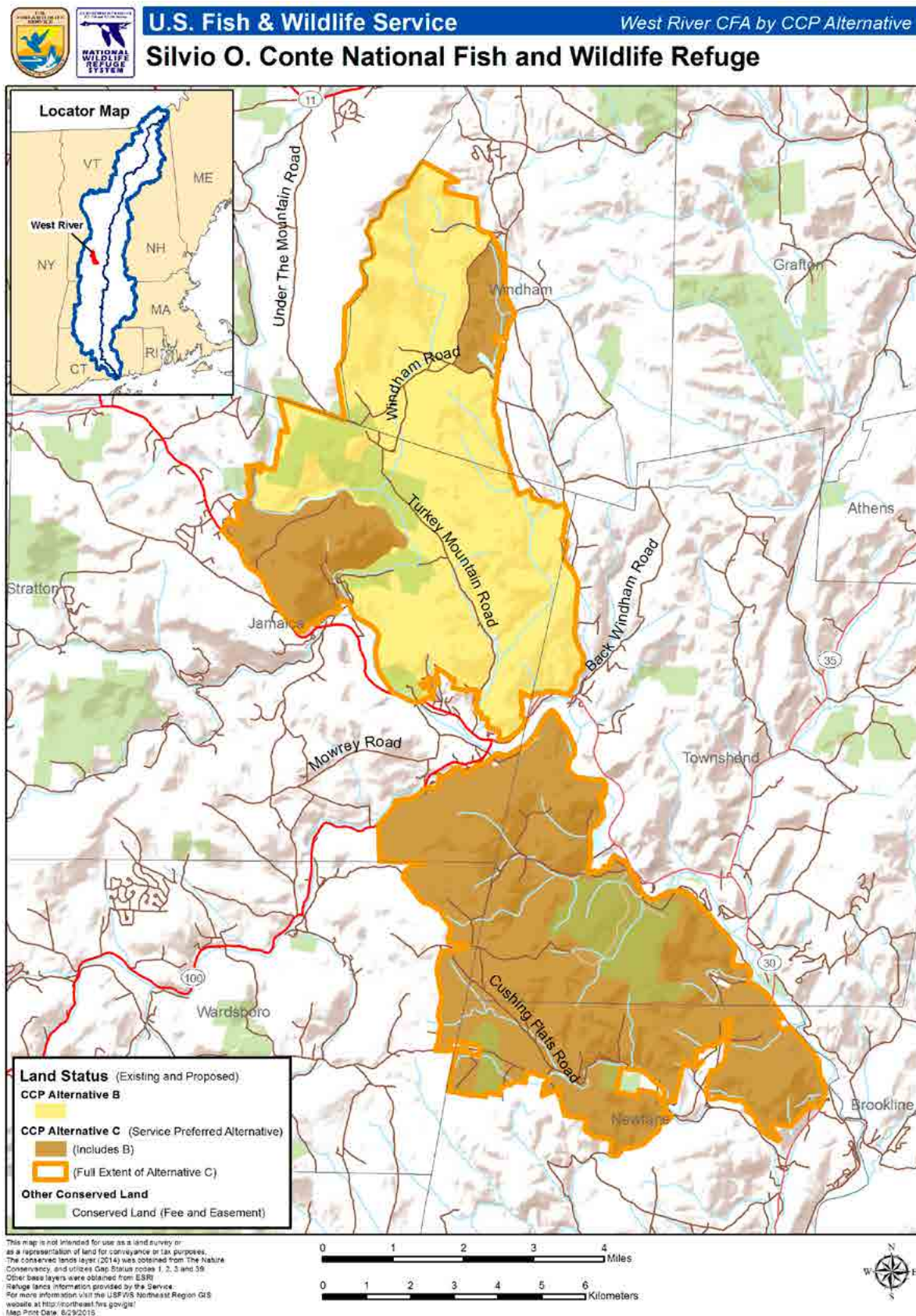
Map 4.40. Proposed Ompompanoosuc River CFA under all Alternatives, Vermont



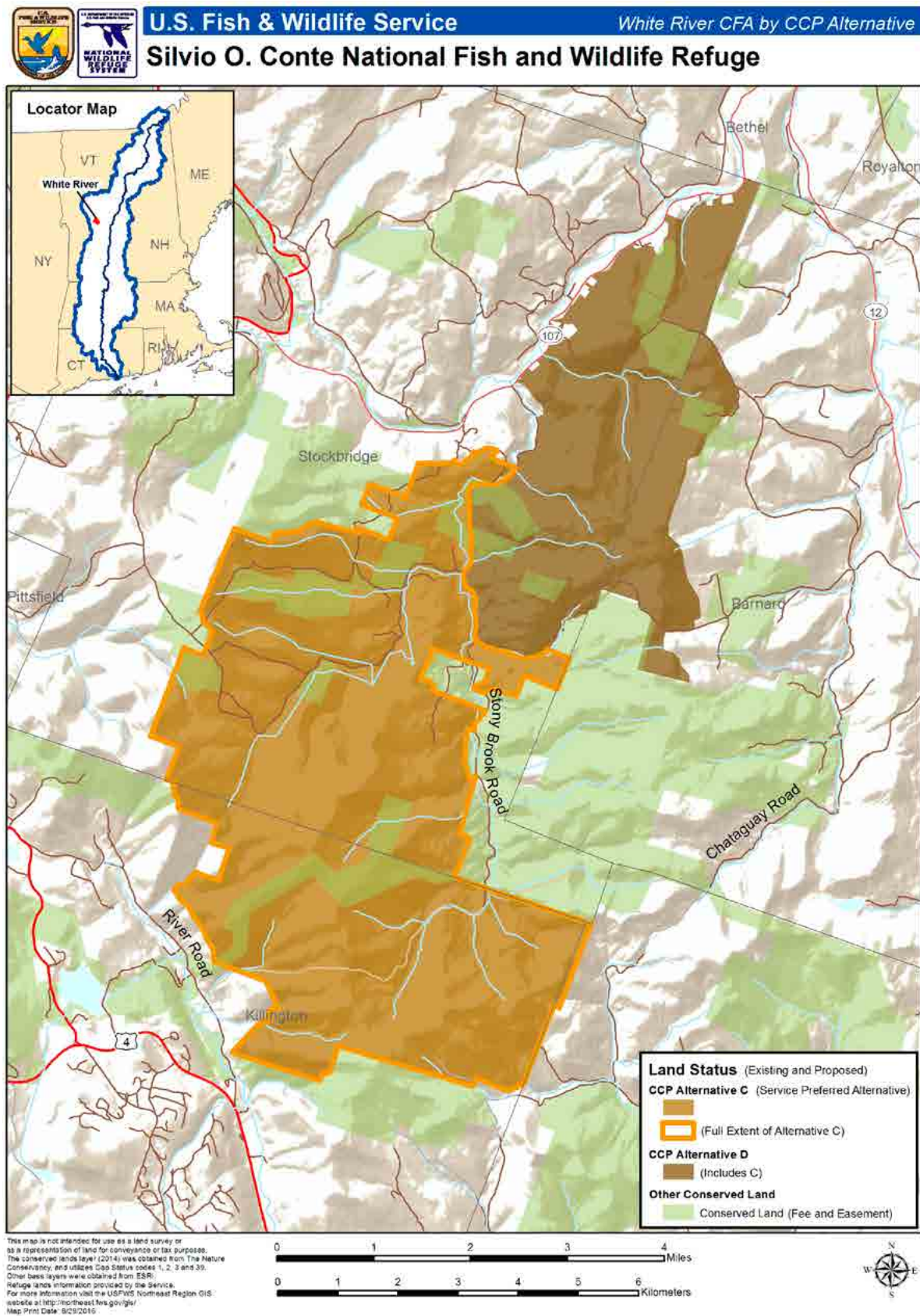
Map 4.41. Proposed Ottauquechee River CFA under all Alternatives, Vermont



Map 4.42. Proposed West River CFA under all Alternatives, Vermont



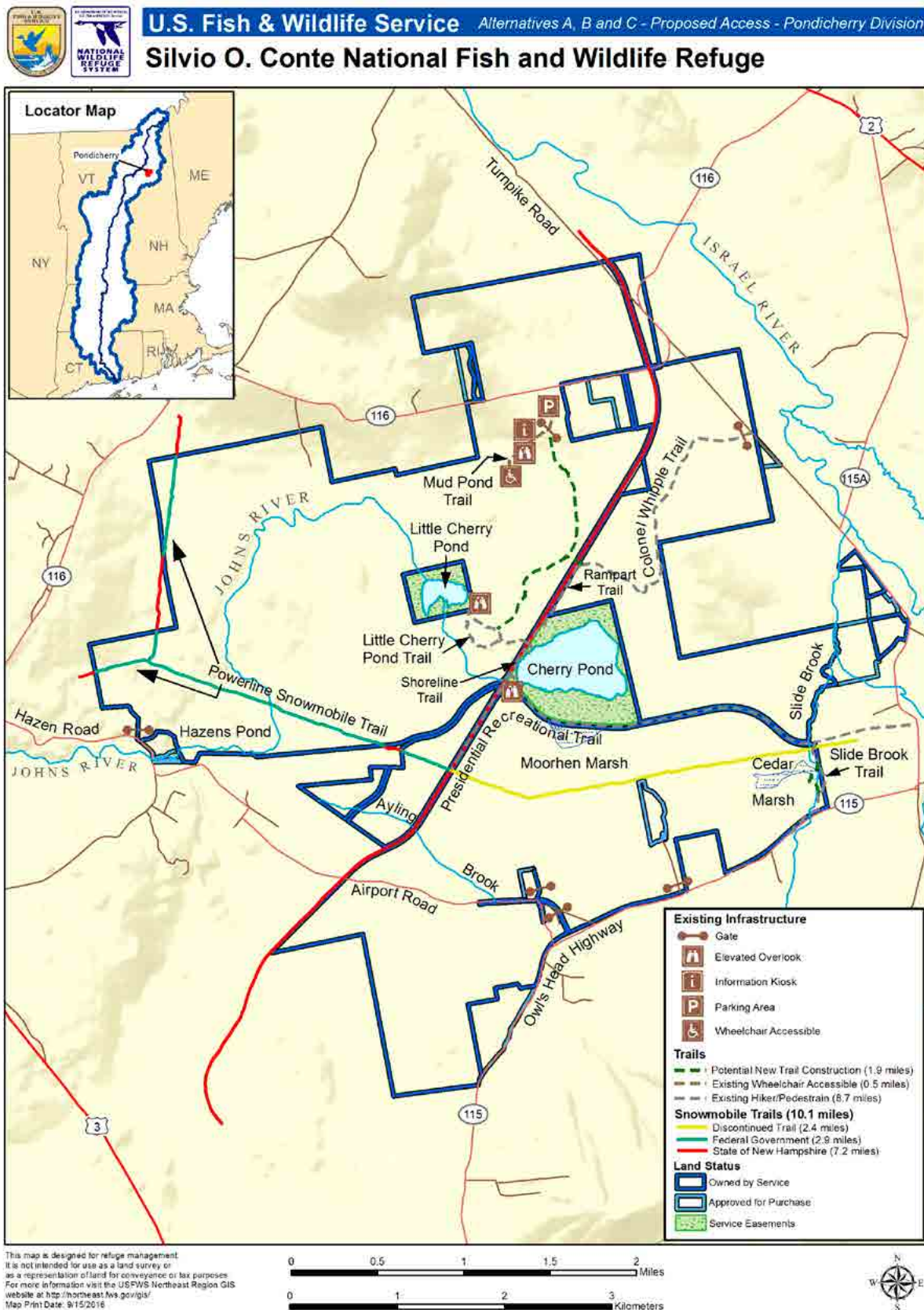
Map 4.43. Proposed White River CFA under all Alternatives, Vermont



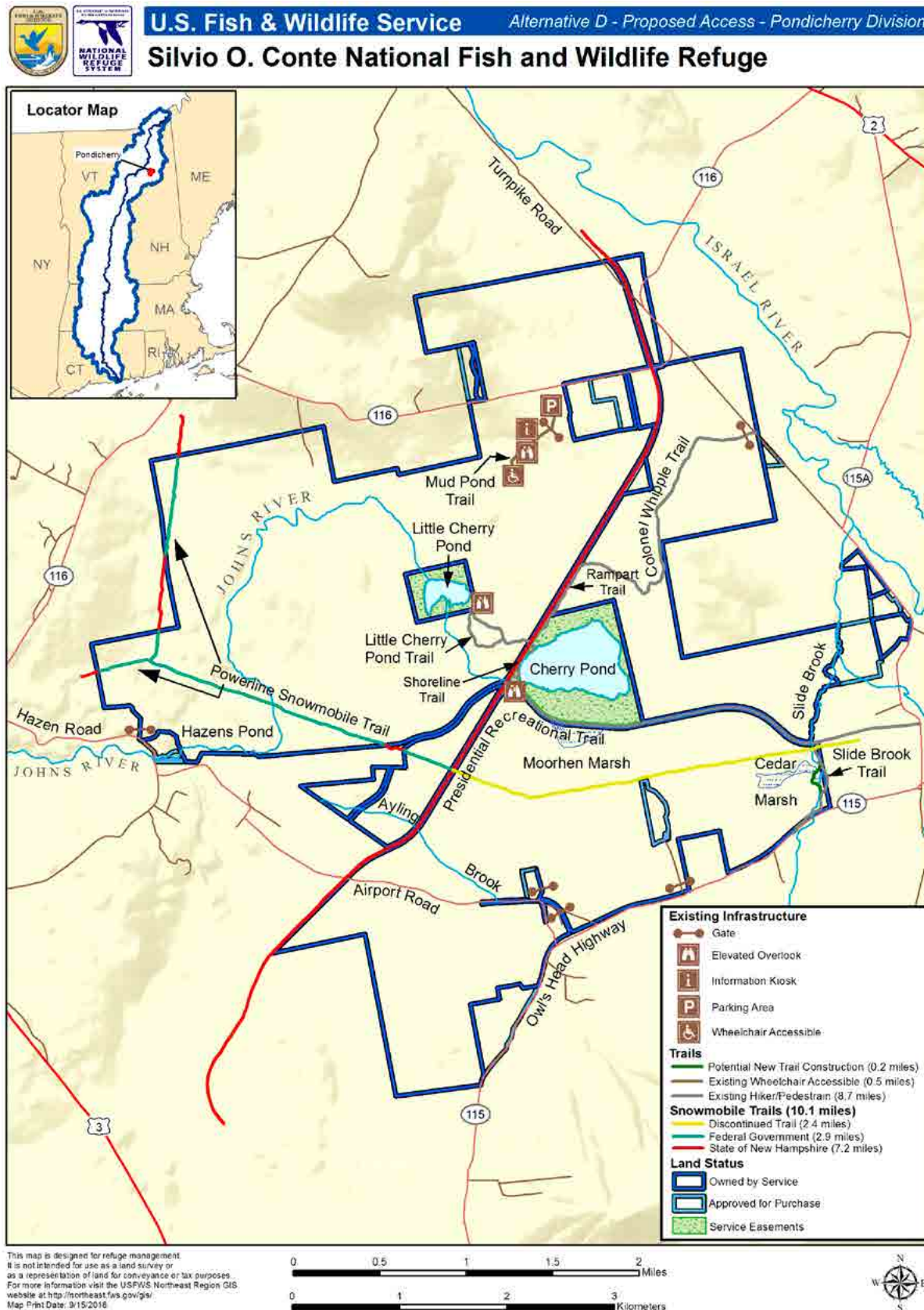
**Maps of Proposed
Recreational Access
for the Nulhegan
Basin and Pondicherry
Divisions by Alternative**

The following maps show the proposed public use access and facilities by alternative at the Pondicherry and Nulhegan Basin Divisions, the largest existing divisions. Other public use maps for other proposed and existing divisions are included in Appendix A, Conservation Focus Areas or Appendix D, Findings of Appropriateness and Compatibility Determinations.

Map 4.44. Proposed Public Use Access at Pondicherry Division, Alternatives A, B, C



Map 4.45. Proposed Public Use Access at Pondicherry Division, Alternative D.



U.S. Fish & Wildlife Service Alternative A - Existing Summer Access - Nulhegan Basin Division

Silvio O. Conte National Fish and Wildlife Refuge

Locator Map

Nulhegan Basin

VT ME NH MA RI CT NY

Legend

- Locked Gate
- Canoe/Kayak Launch
- Information Kiosk
- Overlook
- Parking Area
- Trailhead
- Viewing Platform
- Visitor Contact Station/Office
- Wheelchair Accessible

Nulhegan Trail Network

- Existing Hiking Trails (4.7 miles)

Land Status

- Owned by Service
- Non-Refuge Lands Proposed for Acquisition

Road Classification

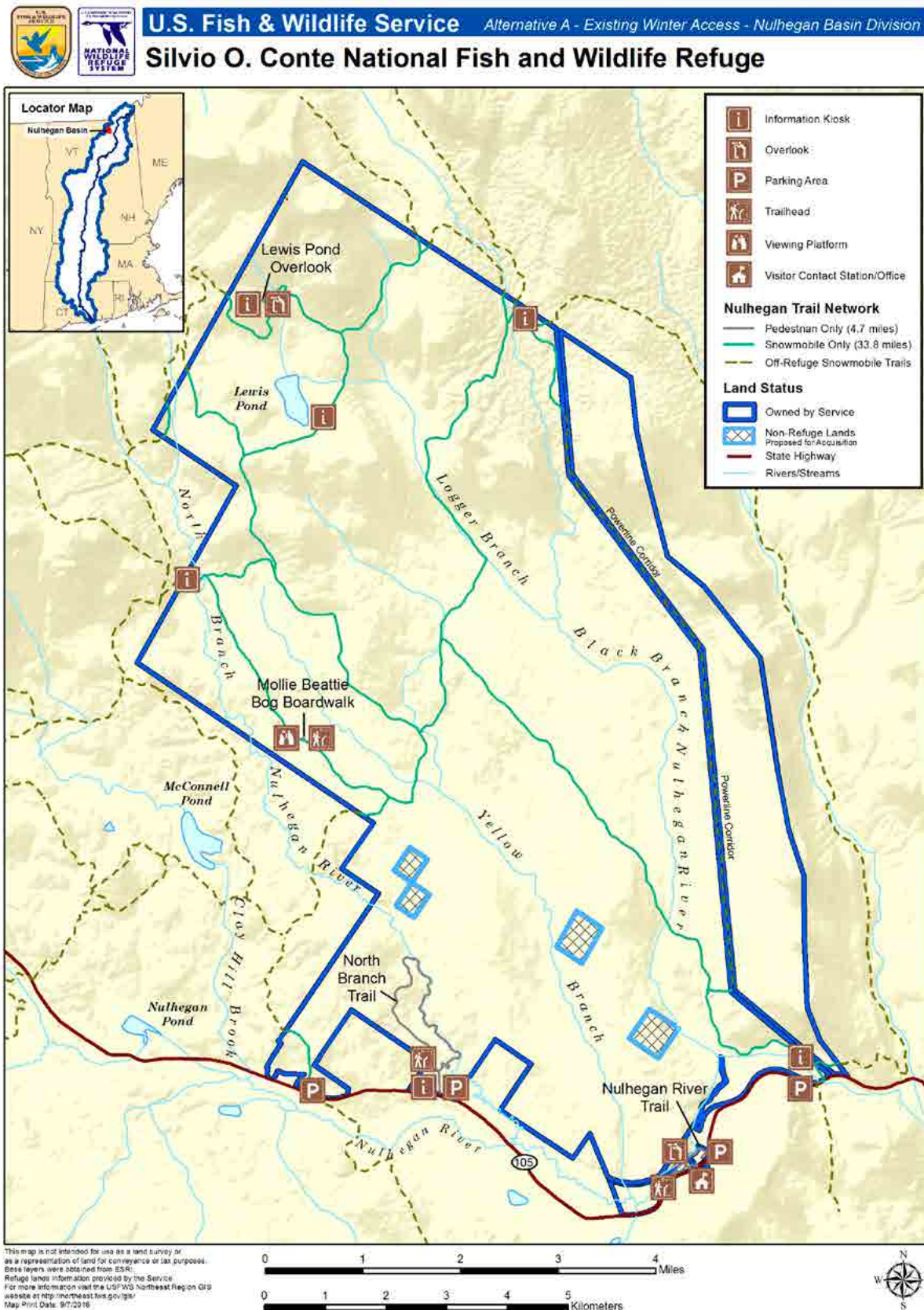
- Primary
- Secondary
- Gravel - Unmaintained
- Private
- State Highway
- Rivers/Streams

Map Labels: Lewis Pond Overlook, Lewis Pond, Jim Cornish Brook, Upper Tin Shack, Logger Branch, Upper Tin Shack, Lower Tin Shack, Pawtucket Center, Black Branch Nulhegan River, Powerline Center, Stone Dam, Branch, Nulhegan River, North Branch Trail, North Branch, Yellow, Lewis Pond, McConnell Pond, Clay Hill Brook, Nulhegan Pond, Nulhegan River, 105, Nulhegan River Trail.

Scale: 0 to 4 Miles, 0 to 5 Kilometers

Disclaimer: This map is not intended for use as a land survey or as a representation of land for conveyance or tax purposes. Base layers were obtained from ESRI. Refuge lands information provided by the Service. For more information visit the USFWS Northeast Region GIS website at <http://northeast.fws.gov/gis/>. Map Print Date: 9/7/2016

Map 4.47. Proposed Winter Public Use Access at Nulhegan Basin Division, Alternative A.



U.S. Fish & Wildlife Service Alternatives B and C - Proposed Summer Access - Nulhegan Basin Division

Silvio O. Conte National Fish and Wildlife Refuge

Locator Map

Nulhegan Basin

VT ME NH NY MA CT

Proposed Infrastructure

- Canoe/Kayak Launch
- Campsite
- Fishing Site
- Information Kiosk
- Trailhead
- Trails (7.2 mi)

Existing Infrastructure

- Locked Gate
- Canoe/Kayak Launch
- Information Kiosk
- Overlook
- Parking Area
- Trailhead
- Viewing Platform

Visitor Contact Station/Office

Wheelchair Accessible

Nulhegan Trail Network

- Existing Hiking Trails (4.7 miles)

Land Status

- Owned by Service
- Non-Refuge Lands Proposed for acquisition
- Preferred Alternative

Road Classification

- Primary
- Secondary
- Gravel - Unmaintained
- Private
- State Highway
- Rivers/Streams

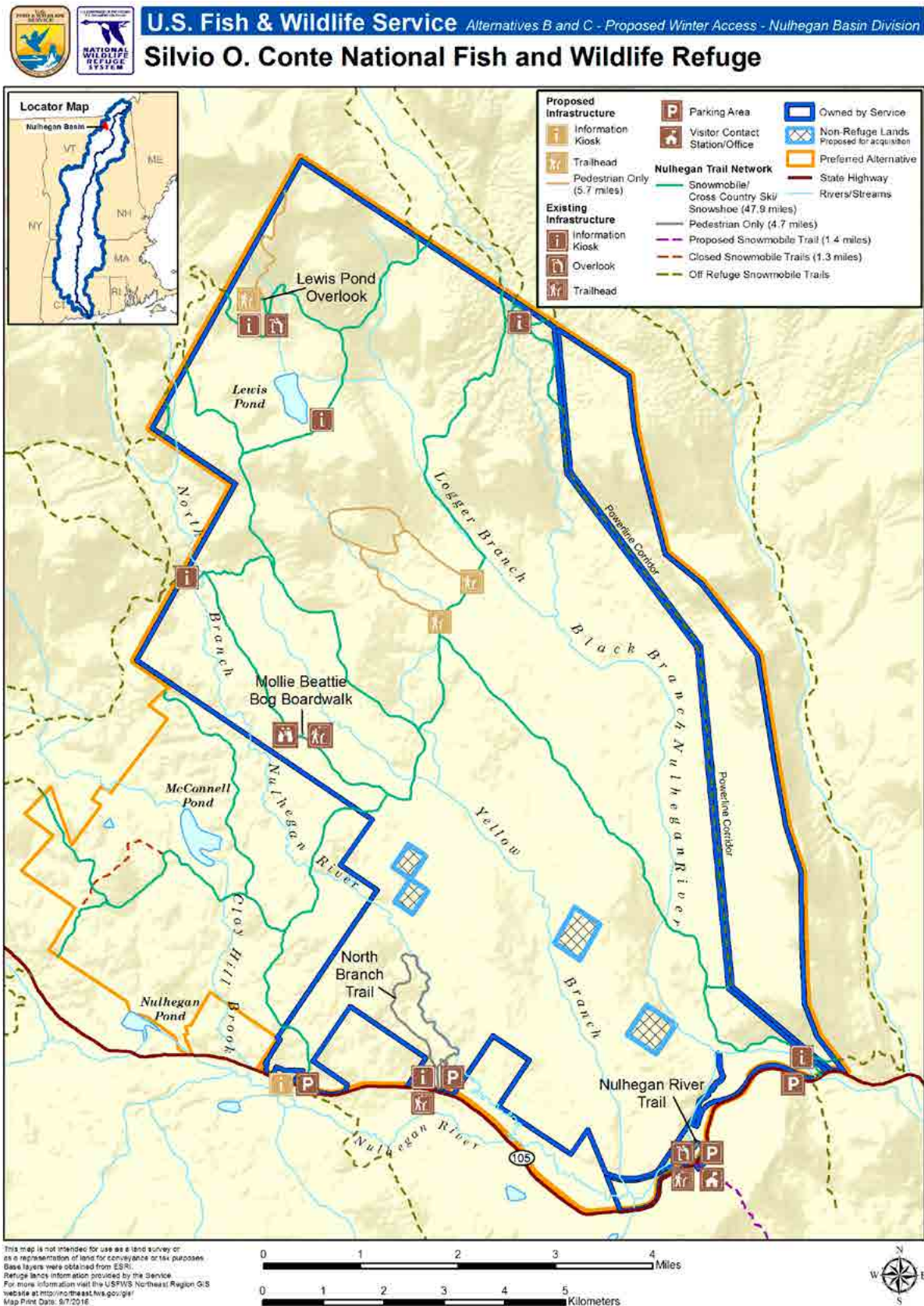
Note: Under Alternative C McConnell Pond Road would be Open.

Map Labels: Lewis Pond Overlook, Lewis Pond, Lewis Road, Upper Tin Shack, Logger Branch, Upper Tin Shack, Lower Tin Shack, Black Branch Nulhegan River, Ploverline Corridor, Stone Dam, Branch Nulhegan River, Stone Dam, Yellow Branch, Lewis Pond, North Branch Trail, North Branch Brook, Mollie Beattie Bog Boardwalk, McConnell Pond, Nulhegan River, Nulhegan Pond, Nulhegan River Trail, 105, Miles, Kilometers.

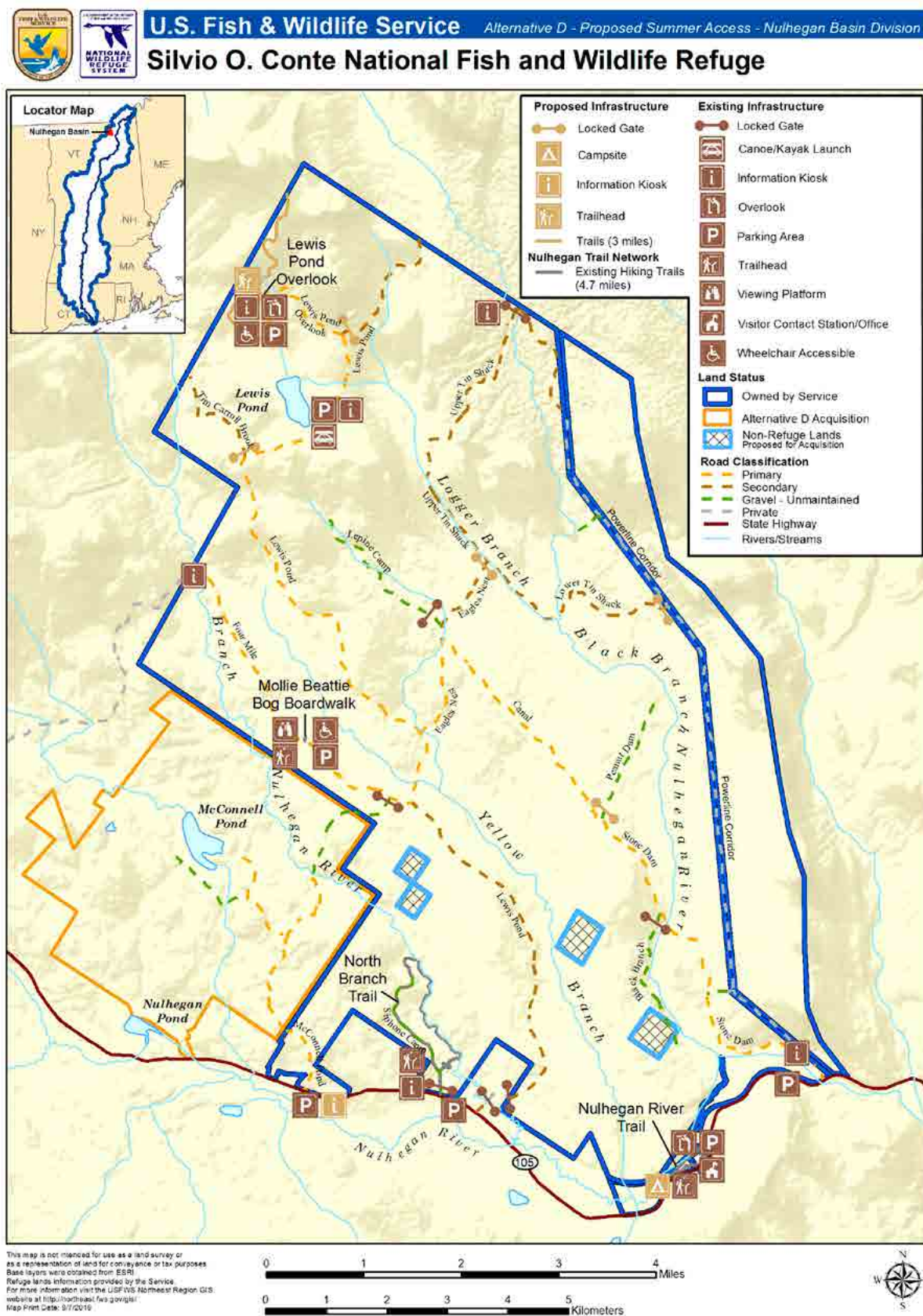
Scale: 0 1 2 3 4 Miles, 0 1 2 3 4 5 Kilometers

Disclaimer: This map is not intended for use as a land survey or as a representation of land for convenience or tax purposes. Base layers were obtained from ESRI. Refuge lands information provided by the Service. For more information visit the USFWS Northeast Region GIS website at <http://northeast.fws.gov/gis/>. Map Print Date: 9/7/2018

Map 4.49. Proposed Winter Public Use Access at Nulhegan Basin Division, Alternatives B and C.



Map 4.50. Proposed Summer Public Use Access at Nulhegan Basin Division, Alternative D.



Map 4t51e